

## DIALOcharge 4

### POWER

240V ac mains or generator supply  
Available in 12V, 24V, 36V, 48V, 60V, 72V and 96V  
Custom made to suit your System Voltage  
15A, 30A, 60A, 90A and 120Amp

### PROTECTION

Circuit breakers on input and output  
Over-temperature shutdown  
Temp controlled fan cooling  
Reverse Polarity protection

### CONTROL

Manual Operation  
Infinity Adjustable Power Control  
Electronic limiting of maximum voltage  
Electronic current limiting

### DISPLAY

LEDS - Over Volts , Connection Error , Over Temp  
Accurate output metering  
Ammeter and Voltmeter in one  
Wide angle visibility

### BATTERIES

Deep cycle LA  
Lead-calcium  
Wet ni-cad  
Genesis®/Optima®

### CABINET

Powder coated steel cabinet  
Aluminium (optional)  
Stainless Steel (304,316)(optional)  
Wall or bench mount  
Portable  
2 metre mains and battery cables

### VERSATILE

Use in parallel and/or series to increase power







The Leaver Industries DIALOcharge is a sophisticated electronic manually operated charger for most types of batteries. It employs a secondary phase-shift control to precisely supply charging voltages and currents during the recharge cycle. The DIALOcharge successfully recovers deeply discharged batteries.



The DIALOcharge covers a variable range of battery voltages which provides charging flexibility in the workshop arena.

(e.g.: a 24V DIALOcharge will charge batteries of any voltage from single 2V cells to 24V systems)

Due to the precise power control provided by the DIALOcharge, it may be used for fast recharging of operational batteries or for overnight trickle charge situations.

<b>DIALOcharge 4</b>	<b>D1230</b>	<b>D1260</b>
Nominal Battery Voltage	12.00 Volts	12.00 Volts
Maximum Output Voltage	17.50 Volts	17.50 Volts
Max Output Current (Ave)	30.00 Amps	60.00 Amps
Max Output Current (RMS)	50.00 Amps	100.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	60 Ah ~ 400 Ah	100 Ah ~ 800 Ah
Max. Load during recharge	12.00 Amps	25.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	750 VA	1500 VA
Minimum Genset (max output)	1500 VA	3000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	1 x 10Amp Circuit Breaker	1 x 10Amp Circuit Breaker
Battery Output Protection	1 x 63Amp Circuit Breaker	3 x 63Amp Circuit Breaker
<b>Temperature Protection:</b>		
Transformer core	150° C	150° C
Rectifier assembly	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	10A 3pin 2m cable
Connections : Output	200Amp Alligator Clips (other option available)	200Amp Alligator Clips (other option available)
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	230 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	210 x 120 mm
Mounting Holes: size	5/16 (8mm)	5/16 (8mm)
Weight	12kg	16kg
Cab	A	A
		

<b>DIALOcharge 4</b>	<b>D1290</b>	<b>D12120</b>
Nominal Battery Voltage	12.00 Volts	12.00 Volts
Maximum Output Voltage	17.50 Volts	17.50 Volts
Max Output Current (Ave)	60.00 Amps	120.00 Amps
Max Output Current (RMS)	110.00 Amps	180.00 Amps
Max Output Ripple (RMS)	2 Vac p-p	4 Vac p-p
Total Battery Capacity	300 Ah ~ 1500 Ah	500 Ah ~ 2000 Ah
Max. Load during recharge	35.00 Amps	65.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	1 x 10Amp Circuit Breaker	1 x 20Amp Circuit Breaker
Battery Output Protection	63Amp 3 pole Circuit Breaker	63Amp 3 pole Circuit Breaker
<b>Temperature Protection:</b>		
Transformer core	150° C	150° C
Rectifier assembly	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips (other option available)	200Amp Alligator Clips (other option available)
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16 (8mm)	5/16 (8mm)
Weight	30kg	30kg
Cab	B	B
		

<b>DIALOcharge 4</b>	<b>D2415</b>	<b>D2430</b>
Nominal Battery Voltage	24.00 Volts	24.00 Volts
Maximum Output Voltage	35.00 Volts	35.00 Volts
Max Output Current (Ave)	15.00 Amps	30.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	30 ~ 200 Ah	60 ~ 400 Ah
Max. Load during recharge	6.00 Amps	12.00 Amps
Mains Supply Voltage	220 ~ 240 Vac	220 ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	750 VA	1500 VA
Minimum Genset (max output)	1500 VA	3000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	1 x 10Amp Circuit Breaker	1 x 10Amp Circuit Breaker
Battery Output Protection	1 x 32Amp Circuit Breaker	1 x 63Amp Circuit Breaker
<b>Temperature Protection:</b>		
Transformer core	150° C	150° C
Rectifier assembly	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	10A 3pin 2m cable
Connections : Output	200Amp Alligator Clips (other option available)	200Amp Alligator Clips (other option available)
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	230 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	210 x 120 mm
Mounting Holes: size	5/16 (8mm)	5/16 (8mm)
Weight	10kg	16kg
Cab	A	A
		

## D2460

24.00 Volts

35.00 Volts

60.00 Amps

100.00 Amps

3 Vac p-p

100 ~ 800 Ah

25.00 Amps

220 ~ 240 Vac

50Hz ~ 60 Hz

3000 VA

6000 VA

16% THD

1 x 20Amp

Circuit Breaker

3 x 63Amp

Circuit Breaker

150° C

100° C

60° C

-10°C ~ 45°C

15A 3pin 2m cable

200Amp Alligator Clips  
(other option available)

15mm<sup>2</sup> per 2 meters

400 x 270 x 300 mm



380 x 120 mm


5/16 (8mm)



27kg

B



<b>DIALOcharge 4</b>	<b>D2460</b>	<b>D2490</b>
Nominal Battery Voltage	24.00 Volts	24.00 Volts
Maximum Output Voltage	35.00 Volts	35.00 Volts
Max Output Current (Ave)	60.00 Amps	90.00 Amps
Max Output Current (RMS)	100.00 Amps	130.00 Amps
Max Output Ripple (RMS)	3 Vac p-p	3 Vac p-p
Total Battery Capacity	100 ~ 800 Ah	300 ~ 1500 Ah
Max. Load during recharge	25.00 Amps	45.00 Amps
Mains Supply Voltage	220 ~ 240 Vac	220 ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	4000 VA
Minimum Genset (max output)	6000 VA	8000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	1 x 20Amp Circuit Breaker	1 x 20Amp Circuit Breaker
Battery Output Protection	3 x 63Amp Circuit Breaker	3 x 63Amp Circuit Breaker
<b>Temperature Protection:</b>		
Transformer core	150° C	150° C
Rectifier assembly	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable *	20A 3pin 2m cable *
Connections : Output	200Amp Alligator Clips (other option available)*	PVC enclosure (brass connection posts)*
Connections : cable min. size	15mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16 (8mm)	5/16 (8mm)
Weight	27kg	40kg
Cab	B	C
* Other connection options available		
		

<b>D24120</b>
24.00 Volts
35.00 Volts
120.00 Amps
180.00 Amps
4 Vac p-p
500 ~ 2000 Ah
65.00 Amps
220 ~ 240 Vac
50Hz ~ 60 Hz
5000 VA
10 kVA
16% THD
1 x 32Amp Circuit Breaker
3 x 100Amp Switch
150° C
100° C
60° C
-10°C ~ 45°C
PVC enclosure (terminal strip)*
PVC enclosure (brass connection posts)*
20mm <sup>2</sup> per 2 meters
400 x 270 x 450 mm
375 x 120 mm (base only)
1/8 (3mm)
60kg
C


<b>DIALOcharge 4</b>	<b>D3620</b>	<b>D3640</b>
Nominal Battery Voltage	36.00 Volts	36.00 Volts
Maximum Output Voltage	52.50 Volts	52.50 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	35.00 Amps	70.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	100 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	16.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	1 x 10Amp Circuit Breaker	1 x 20Amp Circuit Breaker
Battery Output Protection	1 x 63Amp Circuit Breaker	3 x 32Amp Circuit Breaker
<b>Temperature Protection:</b>		
Transformer core	150° C	150° C
Rectifier assembly	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips (other option available)	200Amp Alligator Clips (other option available)
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16 (8mm)	5/16 (8mm)
Weight	15kg	27kg
Cab	A	B
* Other connection options available		





**D3680**

36.00 Volts

52.50 Volts

80.00 Amps

140.00 Amps

4 Vac p-p

300 Ah ~ 1200 Ah

35.00 Amps

220 Vac ~ 240 Vac

50Hz ~ 60 Hz

6000 VA

12 kVA

16% THD

1 x 32Amp  
Circuit Breaker  
3 x 63Amp  
Circuit Breaker

150° C

100° C

60° C

-10°C ~ 45°C

PVC enclosure  
(terminal strip)\*200Amp Alligator Clips  
(other option available)15mm<sup>2</sup> per 2 meters

400 x 270 x 450 mm

375 x 120 mm  
(base only)




1/8 (3mm)

50kg




C







<b>DIALOcharge 4</b>	<b>D4815</b>	<b>D4830</b>	<b>D4860</b>
Nominal Battery Voltage	48.00 Volts	48.00 Volts	48.00 Volts
Maximum Output Voltage	70.00 Volts	70.00 Volts	70.00 Volts
Max Output Current (Ave)	15.00 Amps	30.00 Amps	60.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps	100.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p	3 Vac p-p
Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah	100 Ah ~ 800 Ah
Max. Load during recharge	6.00 Amps	12.00 Amps	25.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA	6000 VA
Minimum Genset (max output)	3000 VA	6000 VA	12000 VA
Tolerance to Mains Distortion	16% THD	16% THD	16% THD
Mains Input Protection	1 x 10Amp Circuit Breaker	1 x 20Amp Circuit Breaker	1 x 32Amp Circuit Breaker
Battery Output Protection	1 x 32Amp Circuit Breaker	1 x 63Amp Circuit Breaker	3 x 63Amp Circuit Breaker
<b>Temperature Protection:</b>			
Transformer core	150° C	150° C	150° C
Rectifier assembly	100° C	100° C	100° C
Fan Cooling	60° C	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips (other option available)*	200Amp Alligator Clips (other option available)*	200Amp Alligator Clips (other option available)*
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16 (8mm)	5/16 (8mm)	1/8 (3mm)
Weight	12kg	27kg	50kg
Cab	A	B	C
* Other connection options available			



<b>DIALOcharge 4</b>	<b>D7220</b>	<b>D7240</b>	<b>D7260</b>
Nominal Battery Voltage	72.00 Volts	72.00 Volts	72.00 Volts
Maximum Output Voltage	105.00 Volts	105.00 Volts	105.00 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps	60.00 Amps
Max Output Current (RMS)	33.00 Amps	66.00 Amps	100.00 Amps
Max Output Ripple (RMS)	6 Vac p-p	12 Vac p-p	1Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	80 Ah ~ 600 Ah	100 Ah ~ 1000 Ah
Max. Load during recharge	8.00 Amps	15.00 Amps	30.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac	415Vac 3 phase
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA	9000 VA
Minimum Genset (max output)	6000 VA	12 kVA	18 kVA
Tolerance to Mains Distortion	16% THD	16% THD	16% THD
Mains Input Protection	1 x 20Amp Circuit Breaker	1 x 32Amp Circuit Breaker	3 x 16Amp Circuit Breaker
Battery Output Protection	1 x 63Amp Circuit Breaker	3 x 32Amp Circuit Breaker	3 x 63Amp Circuit Breaker
<b>Temperature Protection:</b>			
Transformer core	150° C	150° C	150° C
Rectifier assembly	100° C	100° C	100° C
Fan Cooling	60° C	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable *	10A 4pin 3phase cable *
Connections : Output	200Amp Alligator Clips (other option available)*	200Amp Alligator Clips (other option available)*	PVC enclosure (brass connection posts)*
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters	25mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm	600 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)	575 x 120 mm (base only)
Mounting Holes: size	5/16 (8mm)	1/8 (3mm)	1/8 (3mm)
Weight	40kg	60kg	80kg
Cab	B	C	D
* Other connection options available			



<b>DIALOcharge 4</b>	<b>D9615</b>	<b>D9630</b>
Nominal Battery Voltage	96.00 Volts	96.00 Volts
Maximum Output Voltage	120.00 Volts	120.00 Volts
Max Output Current (Ave)	15.00 Amps	50.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	8 Vac p-p	15 Vac p-p
Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	5.00 Amps	10.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	1 x 20Amp Circuit Breaker	1 x 32Amp Circuit Breaker
Battery Output Protection	1 x 32Amp Circuit Breaker	1 x 63Amp Circuit Breaker
<b>Temperature Protection:</b>		
Transformer core	150° C	150° C
Rectifier assembly	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips (other option available)*	200Amp Alligator Clips (other option available)*
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16 (8mm)	1/8 (3mm)
Weight	40kg	60kg
Cab	B	C
* Other connection options available		





**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output  
 Connections : cable min. size  
 Cabinet Dimensions: LxWxD  
 Mounting Holes: LxW  
 Mounting Holes: size  
 Weight  
 Cab

**D1230**

12.00 Volts  
 17.50 Volts  
 30.00 Amps  
 50.00 Amps  
 1 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 6mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 15kg  
 A

**D1260**

12.00 Volts  
 17.50 Volts  
 60.00 Amps  
 100.00 Amps  
 2 Vac p-p  
 100 Ah ~ 800 Ah  
 25.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 3x63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 10mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 25kg  
 A

**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output

**D2415**

24.00 Volts  
 35.00 Volts  
 15.00 Amps  
 25.00 Amps  
 1 Vac p-p  
 30 Ah ~ 200 Ah  
 6.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 32 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

**D2430**

24.00 Volts  
 35.00 Volts  
 30.00 Amps  
 50.00 Amps  
 2 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	230 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	210 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	25kg
Cab	A	A

<b>DIALOcharge</b>	<b>D3620</b>	<b>D3640</b>
Nominal Battery Voltage	36.00 Volts	36.00 Volts
Maximum Output Voltage	52.50 Volts	52.50 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	35.00 Amps	70.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	100 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	16.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D4815</b>	<b>D4830</b>
Nominal Battery Voltage	48.00 Volts	48.00 Volts
Maximum Output Voltage	70.00 Volts	70.00 Volts
Max Output Current (Ave)	15.00 Amps	30.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	6.00 Amps	12.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker

Battery Output Protection	32 Amps circuit breaker	63 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	25kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D7220</b>	<b>D7240</b>
Nominal Battery Voltage	12~72.00 Volts	12~72.00 Volts
Maximum Output Voltage	105.00 Volts	105.00 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	33.00 Amps	66.00 Amps
Max Output Ripple (RMS)	6 Vac p-p	12 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	80 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	15.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12 kVA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps circuit breaker	32 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

<b>DIALOcharge</b>	<b>D9615</b>	<b>D9630</b>
Nominal Battery Voltage	96.00 Volts	96.00 Volts
Maximum Output Voltage	140.00 Volts	140.00 Volts
Max Output Current (Ave)	15.00 Amps	50.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	8 Vac p-p	15 Vac p-p

Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	5.00 Amps	10.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps manual reset	32 Amps manual reset
Battery Output Protection	32 Amps manual reset	63 Amps manual reset
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	16mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

**D12120**

12.00 Volts  
17.50 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

**D2460**

24.00 Volts  
35.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips

**D24120**

24.00 Volts  
35.00 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
5000 VA  
10 kVA  
16% THD  
32 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

20mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D3680**

36.00 Volts  
52.50 Volts  
80.00 Amps  
140.00 Amps  
4 Vac p-p  
300 Ah ~ 1200 Ah  
35.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12 kVA  
16% THD  
32 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D4860**

48.00 Volts  
70.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12000 VA  
16% THD  
32 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

20A 3pin 2m cable

200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters

400 x 270 x 450 mm

375 x 120 mm (base only)

1/8"(3mm)

60kg

C

### **D7260**

12~72.00 Volts

105.00 Volts

60.00 Amps

100.00 Amps

1Vac p-p

100 Ah ~ 1000 Ah

30.00 Amps

415Vac 3phase 10Aac

50Hz ~ 60 Hz

9000 VA

18 kVA

16% THD

3x16 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

10A 4pin 3phase cable

175A Anderson plug

25mm<sup>2</sup> per 2 meters

600 x 270 x 450 mm

575 x 120 mm (base only)

1/8"(3mm)

80kg

D



**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output  
 Connections : cable min. size  
 Cabinet Dimensions: LxWxD  
 Mounting Holes: LxW  
 Mounting Holes: size  
 Weight  
 Cab

**D1230**

12.00 Volts  
 17.50 Volts  
 30.00 Amps  
 50.00 Amps  
 1 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 6mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 15kg  
 A

**D1260**

12.00 Volts  
 17.50 Volts  
 60.00 Amps  
 100.00 Amps  
 2 Vac p-p  
 100 Ah ~ 800 Ah  
 25.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 3x63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 10mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 25kg  
 A

**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output

**D2415**

24.00 Volts  
 35.00 Volts  
 15.00 Amps  
 25.00 Amps  
 1 Vac p-p  
 30 Ah ~ 200 Ah  
 6.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 32 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

**D2430**

24.00 Volts  
 35.00 Volts  
 30.00 Amps  
 50.00 Amps  
 2 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	230 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	210 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	25kg
Cab	A	A

<b>DIALOcharge</b>	<b>D3620</b>	<b>D3640</b>
Nominal Battery Voltage	36.00 Volts	36.00 Volts
Maximum Output Voltage	52.50 Volts	52.50 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	35.00 Amps	70.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	100 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	16.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D4815</b>	<b>D4830</b>
Nominal Battery Voltage	48.00 Volts	48.00 Volts
Maximum Output Voltage	70.00 Volts	70.00 Volts
Max Output Current (Ave)	15.00 Amps	30.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	6.00 Amps	12.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker

Battery Output Protection	32 Amps circuit breaker	63 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	25kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D7220</b>	<b>D7240</b>
Nominal Battery Voltage	12~72.00 Volts	12~72.00 Volts
Maximum Output Voltage	105.00 Volts	105.00 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	33.00 Amps	66.00 Amps
Max Output Ripple (RMS)	6 Vac p-p	12 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	80 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	15.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12 kVA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps circuit breaker	32 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

<b>DIALOcharge</b>	<b>D9615</b>	<b>D9630</b>
Nominal Battery Voltage	96.00 Volts	96.00 Volts
Maximum Output Voltage	140.00 Volts	140.00 Volts
Max Output Current (Ave)	15.00 Amps	50.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	8 Vac p-p	15 Vac p-p

Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	5.00 Amps	10.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps manual reset	32 Amps manual reset
Battery Output Protection	32 Amps manual reset	63 Amps manual reset
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	16mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

**D12120**

12.00 Volts  
17.50 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

**D2460**

24.00 Volts  
35.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips

**D24120**

24.00 Volts  
35.00 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
5000 VA  
10 kVA  
16% THD  
32 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

20mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D3680**

36.00 Volts  
52.50 Volts  
80.00 Amps  
140.00 Amps  
4 Vac p-p  
300 Ah ~ 1200 Ah  
35.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12 kVA  
16% THD  
32 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D4860**

48.00 Volts  
70.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12000 VA  
16% THD  
32 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

20A 3pin 2m cable

200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters

400 x 270 x 450 mm

375 x 120 mm (base only)

1/8"(3mm)

60kg

C

**D7260**

12~72.00 Volts

105.00 Volts

60.00 Amps

100.00 Amps

1Vac p-p

100 Ah ~ 1000 Ah

30.00 Amps

415Vac 3phase 10Aac

50Hz ~ 60 Hz

9000 VA

18 kVA

16% THD

3x16 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

10A 4pin 3phase cable

175A Anderson plug

25mm<sup>2</sup> per 2 meters

600 x 270 x 450 mm

575 x 120 mm (base only)

1/8"(3mm)

80kg

D

**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output  
 Connections : cable min. size  
 Cabinet Dimensions: LxWxD  
 Mounting Holes: LxW  
 Mounting Holes: size  
 Weight  
 Cab

**D1230**

12.00 Volts  
 17.50 Volts  
 30.00 Amps  
 50.00 Amps  
 1 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 6mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 15kg  
 A

**D1260**

12.00 Volts  
 17.50 Volts  
 60.00 Amps  
 100.00 Amps  
 2 Vac p-p  
 100 Ah ~ 800 Ah  
 25.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 3x63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 10mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 25kg  
 A

**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output

**D2415**

24.00 Volts  
 35.00 Volts  
 15.00 Amps  
 25.00 Amps  
 1 Vac p-p  
 30 Ah ~ 200 Ah  
 6.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 32 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

**D2430**

24.00 Volts  
 35.00 Volts  
 30.00 Amps  
 50.00 Amps  
 2 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips



Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	230 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	210 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	25kg
Cab	A	A

<b>DIALOcharge</b>	<b>D3620</b>	<b>D3640</b>
Nominal Battery Voltage	36.00 Volts	36.00 Volts
Maximum Output Voltage	52.50 Volts	52.50 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	35.00 Amps	70.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	100 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	16.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D4815</b>	<b>D4830</b>
Nominal Battery Voltage	48.00 Volts	48.00 Volts
Maximum Output Voltage	70.00 Volts	70.00 Volts
Max Output Current (Ave)	15.00 Amps	30.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	6.00 Amps	12.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker

Battery Output Protection	32 Amps circuit breaker	63 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	25kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D7220</b>	<b>D7240</b>
Nominal Battery Voltage	12~72.00 Volts	12~72.00 Volts
Maximum Output Voltage	105.00 Volts	105.00 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	33.00 Amps	66.00 Amps
Max Output Ripple (RMS)	6 Vac p-p	12 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	80 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	15.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12 kVA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps circuit breaker	32 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

<b>DIALOcharge</b>	<b>D9615</b>	<b>D9630</b>
Nominal Battery Voltage	96.00 Volts	96.00 Volts
Maximum Output Voltage	140.00 Volts	140.00 Volts
Max Output Current (Ave)	15.00 Amps	50.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	8 Vac p-p	15 Vac p-p

Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	5.00 Amps	10.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps manual reset	32 Amps manual reset
Battery Output Protection	32 Amps manual reset	63 Amps manual reset
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	16mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

**D12120**

12.00 Volts  
17.50 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

**D2460**

24.00 Volts  
35.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips

**D24120**

24.00 Volts  
35.00 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
5000 VA  
10 kVA  
16% THD  
32 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

20mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D3680**

36.00 Volts  
52.50 Volts  
80.00 Amps  
140.00 Amps  
4 Vac p-p  
300 Ah ~ 1200 Ah  
35.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12 kVA  
16% THD  
32 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D4860**

48.00 Volts  
70.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12000 VA  
16% THD  
32 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

20A 3pin 2m cable

200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters

400 x 270 x 450 mm

375 x 120 mm (base only)

1/8"(3mm)

60kg

C

### **D7260**

12~72.00 Volts

105.00 Volts

60.00 Amps

100.00 Amps

1Vac p-p

100 Ah ~ 1000 Ah

30.00 Amps

415Vac 3phase 10Aac

50Hz ~ 60 Hz

9000 VA

18 kVA

16% THD

3x16 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

10A 4pin 3phase cable

175A Anderson plug

25mm<sup>2</sup> per 2 meters

600 x 270 x 450 mm

575 x 120 mm (base only)

1/8"(3mm)

80kg

D

**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output  
 Connections : cable min. size  
 Cabinet Dimensions: LxWxD  
 Mounting Holes: LxW  
 Mounting Holes: size  
 Weight  
 Cab

**D1230**

12.00 Volts  
 17.50 Volts  
 30.00 Amps  
 50.00 Amps  
 1 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 6mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 15kg  
 A

**D1260**

12.00 Volts  
 17.50 Volts  
 60.00 Amps  
 100.00 Amps  
 2 Vac p-p  
 100 Ah ~ 800 Ah  
 25.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 3x63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips  
 10mm<sup>2</sup> per 2 meters  
 230 x 270 x 300 mm  
 210 x 120 mm  
 5/16"(8mm)  
 25kg  
 A

**DIALOcharge**

Nominal Battery Voltage  
 Maximum Output Voltage  
 Max Output Current (Ave)  
 Max Output Current (RMS)  
 Max Output Ripple (RMS)  
 Total Battery Capacity  
 Max. Load during recharge  
 Mains Supply Voltage  
 Mains Supply Frequency  
 Maximum Consumption (RMS)  
 Minimum Genset (max output)  
 Tolerance to Mains Distortion  
 Mains Input Protection  
 Battery Output Protection  
 Temperature Protection:  
 Transformer core  
 Rectifier assy  
 Fan Cooling  
 Operating Temperature range  
 Connections : Input  
 Connections : Output

**D2415**

24.00 Volts  
 35.00 Volts  
 15.00 Amps  
 25.00 Amps  
 1 Vac p-p  
 30 Ah ~ 200 Ah  
 6.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 750 VA  
 1500 VA  
 16% THD  
 10 Amps circuit breaker  
 32 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

**D2430**

24.00 Volts  
 35.00 Volts  
 30.00 Amps  
 50.00 Amps  
 2 Vac p-p  
 60 Ah ~ 400 Ah  
 12.00 Amps  
 220 Vac ~ 240 Vac  
 50Hz ~ 60 Hz  
 1500 VA  
 3000 VA  
 16% THD  
 10 Amps circuit breaker  
 63 Amps circuit breaker  
 150° C  
 100° C  
 60° C  
 -10°C ~ 45°C  
 10A 3pin 2m cable  
 200Amp Alligator Clips

Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	230 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	210 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	25kg
Cab	A	A

<b>DIALOcharge</b>	<b>D3620</b>	<b>D3640</b>
Nominal Battery Voltage	36.00 Volts	36.00 Volts
Maximum Output Voltage	52.50 Volts	52.50 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	35.00 Amps	70.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	100 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	16.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	210 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	15kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D4815</b>	<b>D4830</b>
Nominal Battery Voltage	48.00 Volts	48.00 Volts
Maximum Output Voltage	70.00 Volts	70.00 Volts
Max Output Current (Ave)	15.00 Amps	30.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	1 Vac p-p	2 Vac p-p
Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	6.00 Amps	12.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	1500 VA	3000 VA
Minimum Genset (max output)	3000 VA	6000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	10 Amps circuit breaker	20 Amps circuit breaker



Battery Output Protection	32 Amps circuit breaker	63 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	10A 3pin 2m cable	15A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	6mm <sup>2</sup> per 2 meters	10mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	230 x 270 x 300 mm	400 x 270 x 300 mm
Mounting Holes: LxW	380 x 120 mm	380 x 120 mm
Mounting Holes: size	5/16"(8mm)	5/16"(8mm)
Weight	25kg	40kg
Cab	A	B

<b>DIALOcharge</b>	<b>D7220</b>	<b>D7240</b>
Nominal Battery Voltage	12~72.00 Volts	12~72.00 Volts
Maximum Output Voltage	105.00 Volts	105.00 Volts
Max Output Current (Ave)	20.00 Amps	40.00 Amps
Max Output Current (RMS)	33.00 Amps	66.00 Amps
Max Output Ripple (RMS)	6 Vac p-p	12 Vac p-p
Total Battery Capacity	40 Ah ~ 300 Ah	80 Ah ~ 600 Ah
Max. Load during recharge	8.00 Amps	15.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12 kVA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps circuit breaker	32 Amps circuit breaker
Battery Output Protection	63 Amps circuit breaker	3x32 Amps circuit breaker
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	15mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

<b>DIALOcharge</b>	<b>D9615</b>	<b>D9630</b>
Nominal Battery Voltage	96.00 Volts	96.00 Volts
Maximum Output Voltage	140.00 Volts	140.00 Volts
Max Output Current (Ave)	15.00 Amps	50.00 Amps
Max Output Current (RMS)	25.00 Amps	50.00 Amps
Max Output Ripple (RMS)	8 Vac p-p	15 Vac p-p

Total Battery Capacity	30 Ah ~ 200 Ah	60 Ah ~ 400 Ah
Max. Load during recharge	5.00 Amps	10.00 Amps
Mains Supply Voltage	220 Vac ~ 240 Vac	220 Vac ~ 240 Vac
Mains Supply Frequency	50Hz ~ 60 Hz	50Hz ~ 60 Hz
Maximum Consumption (RMS)	3000 VA	6000 VA
Minimum Genset (max output)	6000 VA	12000 VA
Tolerance to Mains Distortion	16% THD	16% THD
Mains Input Protection	20 Amps manual reset	32 Amps manual reset
Battery Output Protection	32 Amps manual reset	63 Amps manual reset
Temperature Protection:		
Transformer core	150° C	150° C
Rectifier assy	100° C	100° C
Fan Cooling	60° C	60° C
Operating Temperature range	-10°C ~ 45°C	-10°C ~ 45°C
Connections : Input	15A 3pin 2m cable	20A 3pin 2m cable
Connections : Output	200Amp Alligator Clips	200Amp Alligator Clips
Connections : cable min. size	10mm <sup>2</sup> per 2 meters	16mm <sup>2</sup> per 2 meters
Cabinet Dimensions: LxWxD	400 x 270 x 300 mm	400 x 270 x 450 mm
Mounting Holes: LxW	380 x 120 mm	375 x 120 mm (base only)
Mounting Holes: size	5/16"(8mm)	1/8"(3mm)
Weight	40kg	60kg
Cab	B	C

**D12120**

12.00 Volts  
17.50 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

**D2460**

24.00 Volts  
35.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
3000 VA  
6000 VA  
16% THD  
20 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
15A 3pin 2m cable  
200Amp Alligator Clips

**D24120**

24.00 Volts  
35.00 Volts  
120.00 Amps  
180.00 Amps  
4 Vac p-p  
300 Ah ~ 2000 Ah  
65.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
5000 VA  
10 kVA  
16% THD  
32 Amps circuit breaker  
3x100 Amps switch

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters  
400 x 270 x 300 mm  
380 x 120 mm  
5/16"(8mm)  
40kg  
B

20mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D3680**

36.00 Volts  
52.50 Volts  
80.00 Amps  
140.00 Amps  
4 Vac p-p  
300 Ah ~ 1200 Ah  
35.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12 kVA  
16% THD  
32 Amps circuit breaker  
3x63 Amps circuit breaker

150° C  
100° C  
60° C  
-10°C ~ 45°C  
20A 3pin 2m cable  
200Amp Alligator Clips  
15mm<sup>2</sup> per 2 meters  
400 x 270 x 450 mm  
375 x 120 mm (base only)  
1/8"(3mm)  
60kg  
C

**D4860**

48.00 Volts  
70.00 Volts  
60.00 Amps  
100.00 Amps  
3 Vac p-p  
100 Ah ~ 800 Ah  
25.00 Amps  
220 Vac ~ 240 Vac  
50Hz ~ 60 Hz  
6000 VA  
12000 VA  
16% THD  
32 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

20A 3pin 2m cable

200Amp Alligator Clips

15mm<sup>2</sup> per 2 meters

400 x 270 x 450 mm

375 x 120 mm (base only)

1/8"(3mm)

60kg

C

### **D7260**

12~72.00 Volts

105.00 Volts

60.00 Amps

100.00 Amps

1Vac p-p

100 Ah ~ 1000 Ah

30.00 Amps

415Vac 3phase 10Aac

50Hz ~ 60 Hz

9000 VA

18 kVA

16% THD

3x16 Amps circuit breaker

3x63 Amps circuit breaker

150° C

100° C

60° C

-10°C ~ 45°C

10A 4pin 3phase cable

175A Anderson plug

25mm<sup>2</sup> per 2 meters

600 x 270 x 450 mm

575 x 120 mm (base only)

1/8"(3mm)

80kg

D