



## LR1 Series

LR1 500R/750R/1000R/1500R  
1200R/2200R/3000R

### KEY FEATURES

- Low Frequency Design With Best Stability
- Pure Sine Wave Output
- Automatic Voltage Regulation (AVR)
- User-Friendly LCD Display
- Cold Start Function
- Generator Compatible
- HID USB Communication

### Specification:

Model Name	LR1 500R	LR1 750R	LR1 1000R	LR1 1500R	LR1 1200R	LR1 2200R	LR1 3000R
Capacity	500VA/300W	750VA/450W	1000VA/600W	1500VA/900W	1200VA/840W	2200VA/1540W	3000VA/2100W
<b>Input</b>							
Nominal Voltage	220-240Vac						
Voltage Range	165-290Vac						
Frequency	50/60Hz(Auto sensing)						
<b>Output</b>							
Nominal Voltage(Batt.mode)	220-240Vac						
Frequency(Batt.mode)	50/60±1% Hz						
Waveform (Batt.mode)	Pure Sine Wave						
THDv	≤ 5% @ linear load, ≤10%@non-linear load				≤ 3% @ linear load, ≤5%@non-linear load		
Transfer Time	4ms typical						
Overload Protection	Circuit breaker or inner firmware protection						
<b>Battery</b>							
Battery Voltage	12V		24V		24V	24V	24V
Battery Type	6V/7Ah	6V/9Ah	6V/7Ah	6V/9Ah	12V/7Ah	12V/9Ah	12V/7Ah
Total Battery Quantity	2	2	4	4	2	2	2x2
Recharge Time(to 90%)	4H	4H	4H	4H	4H	4H	4H
Charging Current	1A	1A	1A	1A	1A	1A	2A
<b>Indicators</b>							
Display	LCD						
Alarm	Batt. Mode, low battery, overload, fault, etc.						
<b>Interface</b>							
RS232	Yes				Yes		
HID Compliant USB Port	Yes				Yes		
SNMP	Yes				Yes		
EPO	Yes				Yes		
RJ45/RJ11	NA				Optional		
<b>Management</b>							
Auto Recharge	Yes						
Auto Restart	Yes						
Power Management Software	Yes						
<b>Physical</b>							
Dimension(W x H x D)(mm)	433 x 44 x 230 (1U)		433 x 44 x 389 (1U)		438 x 88 x 430 (2U)		
Net Weight (kg)	7.6	8.6	12	13	14.2	16.5	22
<b>Environment</b>							
Operating Humidity	0-90% non-condensing						
Operating Temperature	0-40°C						