Generators – Power Plants
LV Panels & Switchgears

Regional operations: www.connectrol.com ; sales@connectrol.com
Local operations: www.certified-buildings.com ; sales@certified-buildings.com

Company Overview

Founded in 2015, Connectrol is specialized and engaged mainly in the contracting and engineering of electrical infrastructure projects and equipment for Low, Medium and High Voltage.

- **Generators**
- **LV Switchgear/ MCC**
- **MV Switchgear**
- **LV/MV/HV Transformer**
- **Power Plant up to 80MW**
- **Substation LV/MV/HV**
- **Overhead Line**
- **Street Lighting**

Mission and Policy

Our mission is to deliver the projects in safe, cost-effective manner, while maintaining the highest standards of engineering and construction quality.

Our Policy is to:

- Establish new business relationship
- Sustain the future of our company
- Increase our productivity by developing our techniques
- Optimizing the technological solution in partnership with our clients

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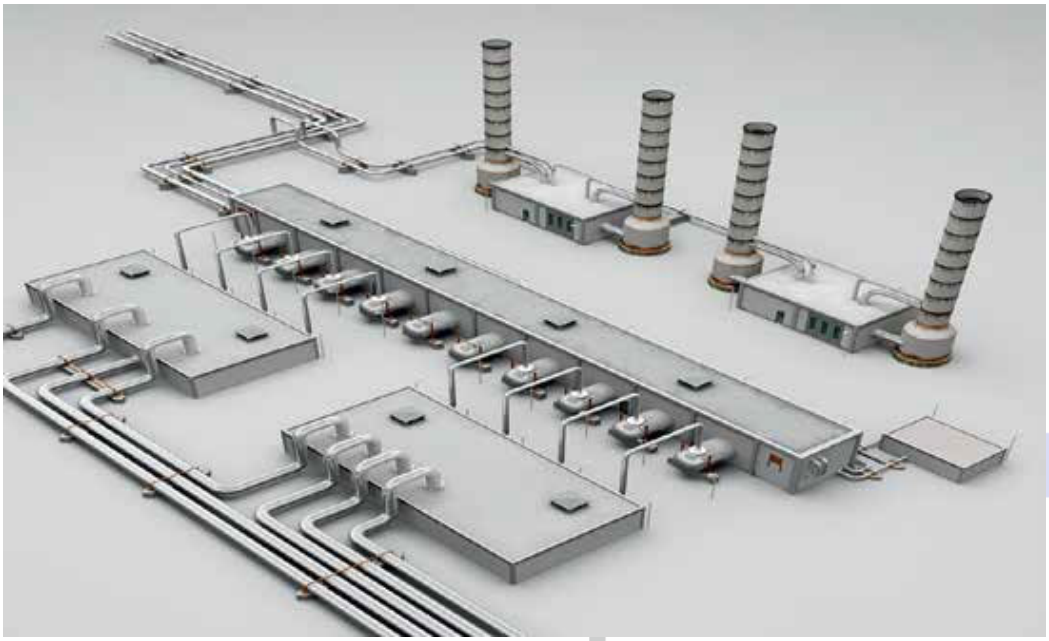
Distribution and Use of Electricity

To answer a growing market, Connectrol. is present in all the activities of the Distribution and use of electricity and has one of the most comprehensive offers in the Market.



Application

- Mobile Generators 10-2000kVA
- Standby/ Emergency Prime/Continuous Generators 10-3000kVA
- Power Plant up to B0MW
- Telecom Generators 10-50kVA
- Panel Boards, ATS, MCCC, Synchronizing panel

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Brands

Engine

Perkins	MTU	Volvo Penta	Cummins	Mitsubishi

Alternator

Leroy Somer | Stamford

Control Unit

ComAp | DSE

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Customized Quality

Connectrol undertakes all aspects of generators and Power Plant design, project management, test and commissioning. Connectrol provides customized products and ensures very short delivery terms more than 100 engines and alternators available in short notice. In addition, Connectrol offers many types of gen set configurations thanks to a wide range of brands of alternators and engines. Connectrol team of specialist engineers provides customized products even for the most complex power requirements. Green Power in fact offers the most suitable applications for every field from the agriculture to the construction, from the industry to public works, from the telecommunications to the military.

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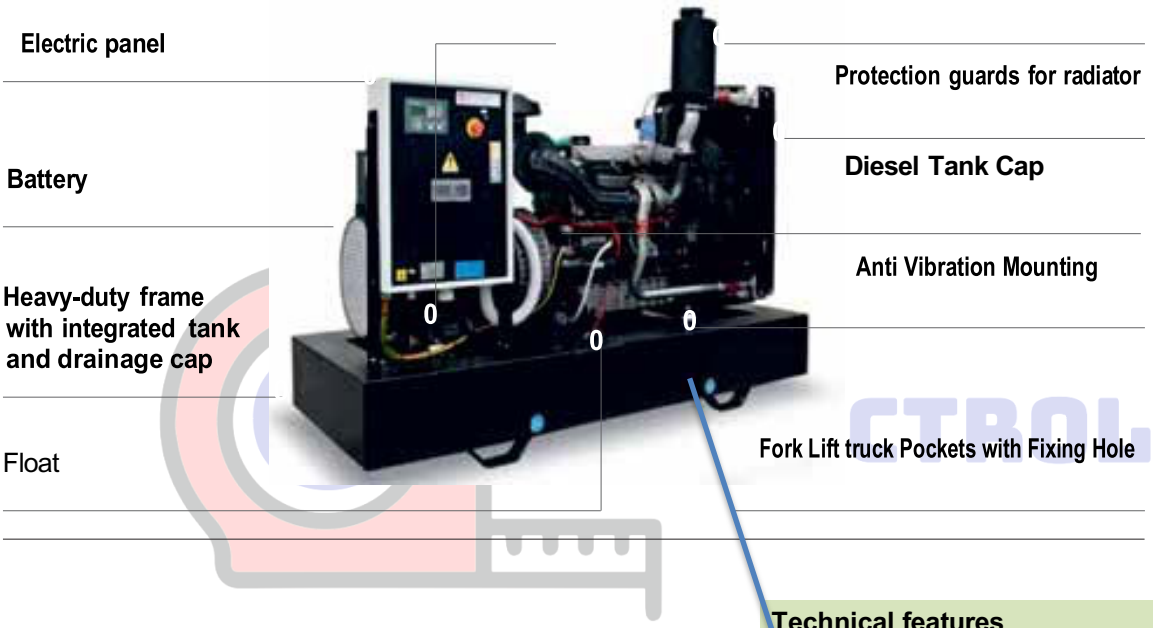
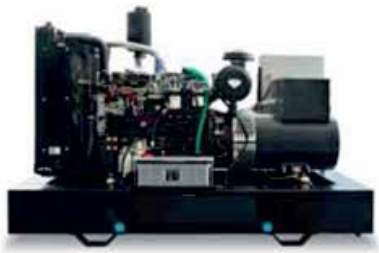
Open Frame Gen. Sets

FPS6

FPS900





Technical features

Heavy-duty electro-welded carbon steel frame with integrated daily fuel tank.
Liquid painting RAL 9005.
2" tank cap.
Drainage tank cap under the frame.
Forklift truck pockets.
Hole on the legs to fix the genset to the ground.
Tubular float easily extractable.
Anti-vibration mountings between engine/alternator and frame.
Preloaded lead acid batteries.
Industrial silencer.
Fan radiator guards.
Electric control panel located on the latera back side of the genset.

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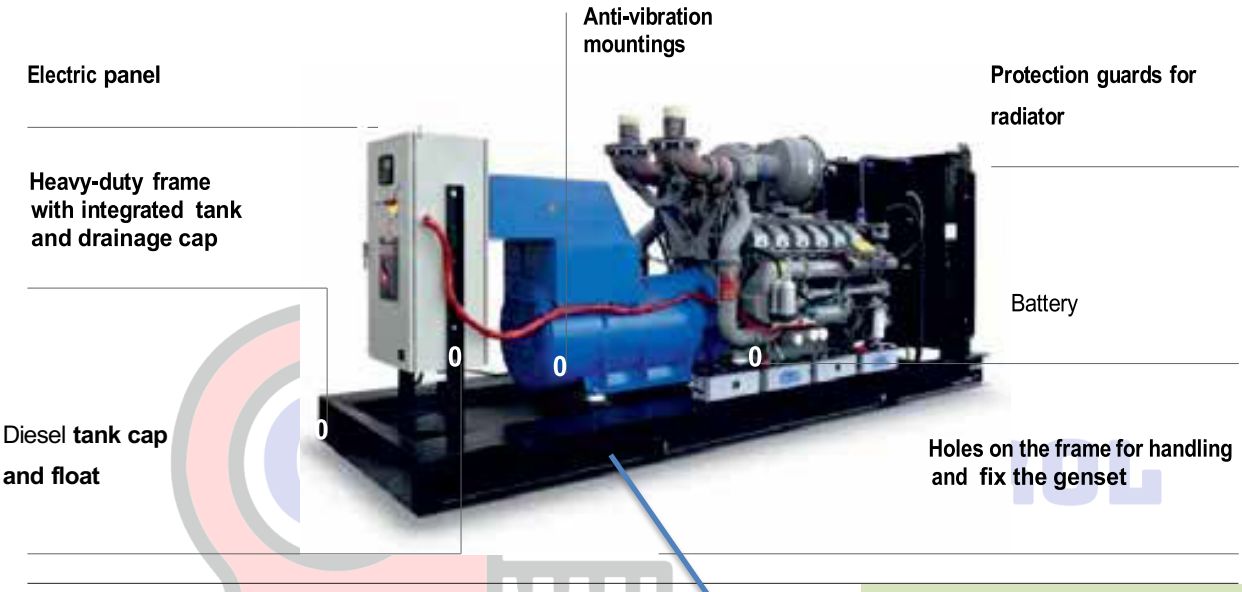
FPS1000

FPS3500



Technical features

- Heavy-duty electro welded carbon steel frame UPN with integrated daily fuel tank
- Liquid painting RAL 9005. 2" tank cap.
- Drainage tank cap on the frame.
- Holes on the frame for handling genset.
- Holes on the frame to fix the genset to the ground. Tubular float easily extractable.
- Standard anti-vibration mountings between engine/ alternator and frame.
- Pre-loaded lead batteries.
- Industrial silencer
- Fan radiator guards
- Electric control panel located on the lateral/ back side of the genset.

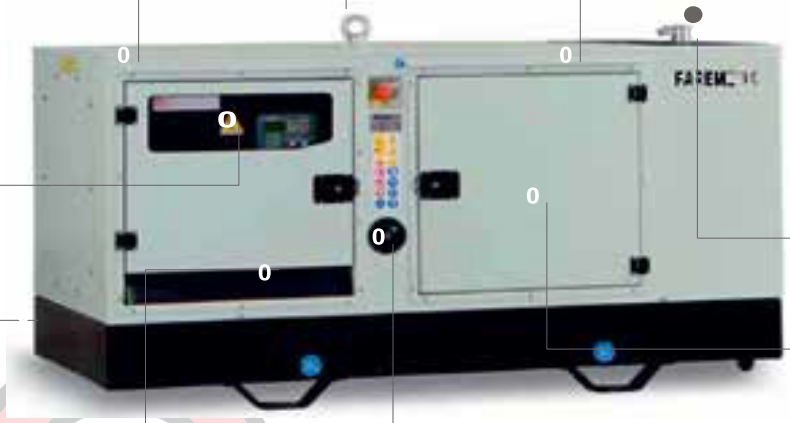
Canopy

T43 / T45 / T46

Model	Dimensions (mm)
T43	1300 x 700 x 1000

Model	Dimensions (mm)
T45	1750 x 700 x 1000
T46	1850 x 700 x 1000

T55 / T60
T62 / T65 / T70 / t80 / T85



Model / Modell	Dimensions / Dimensions (mm)
T55	1750 x 700 x 1100
T60	2100 x 870 x 1150

Model / Modell	Dimensions / Dimensions (mm)
T62	2260 x 1000 x 1400
T65	2500 x 1000 x 1400
T70	2850 x 1000 x 1400
T80	3000 x 1100 x 1500
T85	3300 x 1100 x 1650

Technical features

Heavy-duty electro welded carbon steel frame with integrated daily fuel tank Liquid painting RAL 9005.
Tank cap inside the canopy.
Drainage tank cap under the frame Forklift truck pockets
Hole on the legs to fix the genset to the grouch Standard anti-vibration mountings between engine/ alternator and frame
Strong soundproof canopy IP 23 with carbon metal sheet, folded and electro welded, thickness. 20/10. Stainless steel bolts and rivets
RAL 7035 powder painted canopy - thickness greater than 100 µ.
Class 1 soundproofing material
Residential silencer 30dB(A) inside the canopy Flexible exhaust pipe insulated with fiberglass and aluminum bandages.
Exhaust gas outlet on the frame. Lockable folded sections.
Central lifting hook (removable)
Electric control panel on the lateral/ back side. Rain protection on the panel.
Lateral/ back side air inlet grid. Front air outlet grid.

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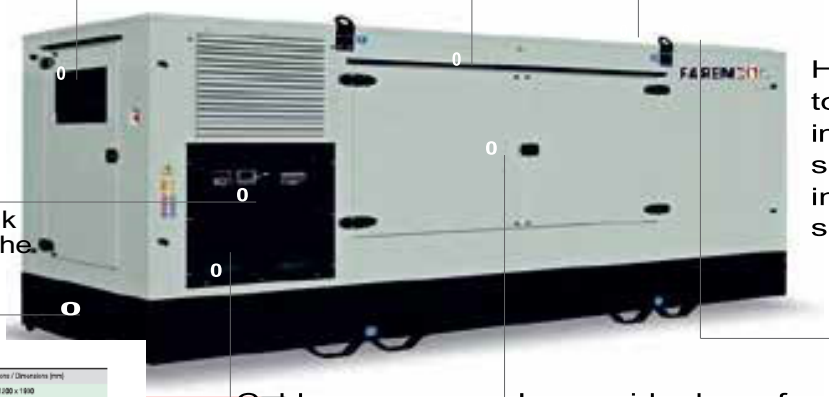
T87 I TBB /T90 T100/ T105



Model / Model	Dimensions / Dimensions (mm)
T87	3600 x 1200 x 1800

Model / Model	Dimensions / Dimensions (mm)
T90	4000 x 1250 x 2200
T100	4500 x 1450 x 2300
T105	4300 x 1600 x 2300

T110/ T125 / T135 / T140

Model / Model	Dimensions / Dimensions (mm)
T110	5000 x 1900 x 2350
T125	5850 x 1900 x 2350

Model / Model	Dimensions / Dimensions (mm)
T135	6500 x 2270 x 2550
T140	7000 x 2270 x 2550

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Container and Shelter

Container Mod.	Dimensions (mm)	Max GP Model
20'	6058x2438x2591	GP700
20' HC	6058x2438x2591	GP1260
30'	9201x2438x2591	GP700
30' HC	9201x2438x2896	GP1650
40'	12192x2438x2591	GP700
40' HC	12192x2438x2896	GP2530

Figure 1 Spare Parts

Figure 2 Maintenance

Figure 3 Diesel Tank

Figure 4 Synchronization Panel

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CONNECTROL

Perkins
9-2500 kVA

Model	Power kVA 50 Hz PRP	50 Hz LTP	60 Hz PRP	60 Hz LTP	Engine Model (Speed governor / Régulateur de vitesse)	Cyl N	Displac. cc	Consumption 50 Hz L/h @ 75%	Consumption 60 Hz L/h @ 75%	Tank L	Dimensions L (mm)	Dimensions W (mm)	Dimensions H (mm)	Weight kg	Canopy	Panel Man.	Panel Aut.
Compound Alternator																	
FPS11 A/PW-C	9	10	11,2	12,4	403A-11G1 (M)	3	1131	2,3	2,4	55	1300	700	1000	410	/	M1	A1
FPS11 SH/PW-C										70	1300	700	1020	470	T43	M1	A1
FPS11 S/PW-C										70	1750	700	1100	560	T55	M1	A1
FPS16 A/PW-C	13,1	14,5	15,8	17,5	403A-15G1 (M)	3	1496	2,8	3,4	60	1500	700	1020	510	/	M2	A2
FPS16 SH/PW-C										70	1750	700	1020	580	T45	M2	A2
FPS16 S/PW-C										70	1750	700	1100	650	T55	M2	A2
FPS18 A/PW-C	15	17	18	20	403A-15G2 (M)	3	1496	/	/	60	1500	700	1020	510	/	M2	A2
FPS18 SH/PW-C										70	1750	700	1020	580	T45	M2	A2
FPS18 S/PW-N-C										70	1750	700	1100	650	T55	M2	A2
FPS22 A/PW-N-C	20	22	/	/	404A-22G1 (M)	4	2216	4	/	60	1500	700	1020	520	/	M2	A2
FPS22 SH/PW-N-C										70	1750	700	1020	640	T45	M2	A2
FPS22 S/PW-N-C										70	1750	700	1100	735	T55	M2	A2
FPS22 A/PW-C	20	22	24	26,4	404D-22 (M)	4	2216	4	4,8	60	1500	700	1020	520	/	M2	A2
FPS22 SH/PW-C										70	1750	700	1020	640	T45	M2	A2
FPS22 S/PW-C										70	1750	700	1100	735	T55	M2	A2
AVR Alternator																	
FPS22 A/PW-N	20	22	/	/	404A-22G1 (M)	4	2216	4	/	60	1500	700	1020	615	/	M2	A2
FPS22 SH/PW-N										70	1750	700	1020	670	T45	M2	A2
FPS22 S/PW-N										70	1750	700	1100	790	T55	M2	A2
FPS22 A/PW	20	22	24	26,4	404D-22 (M)	4	2216	4	4,8	60	1500	700	1020	615	/	M2	A2
FPS22 SH/PW										70	1750	700	1020	670	T45	M2	A2
FPS22 S/PW										70	1750	700	1100	790	T55	M2	A2
FPS33 A/P-N	30	33	35	38,5	1103A-33G (M)	3	3300	5,4	6,6	70	1750	700	1100	780	/	M4	A3
FPS33 S/P-N										100	2100	900	1150	980	T80	M4	A3
FPS44 A/P-N	42	46	51	56	1103A-33TG1 (M)	3	3300	8,2	9,9	70	1750	700	1100	830	/	M4	A3
FPS44 S/P-N										100	2100	900	1150	1100	T80	M4	A3
FPS50 A/P-N	45	50	53	59	1103A-33TG1 (M)	3	3300	8,2	9,9	70	1750	700	1100	950	/	M5	A4
FPS50 S/P-N										100	2100	900	1150	1260	T80	M5	A4
FPS66 A/P-N	60	66	68	75	1103A-33TG2 (M)	3	3300	10,4	12,5	100	2100	900	1300	990	/	M5	A4
FPS66 S/P-N										100	2100	900	1150	1200	T80	M5	A4
FPS88 A/P-N	80	88	91	100	1104A-44TG2 (M)	4	4400	14	16,9	100	2100	900	1300	1135	/	M5	A4
FPS88 S/P-N										100	2260	1000	1400	1450	T82	M5	A4
FPS110 A/P-N	100	110	112,5	125	1104C-44TAG2 (E)	4	4400	17,1	20,2	100	2100	900	1400	1210	/	M5	A4
FPS110 S/P-N										100	2260	1000	1400	1500	T82	M5	A4
FPS145 A/P-N	132	145	152	168	1106A-70TG1 (M)	6	7010	22,7	26,5	125	2500	1000	1400	1390	/	M5	A4
FPS145 S/P-N										150	3000	1100	1500	1930	T80	M5	A4
FPS165 A/P-N	150	165	169	188	1106A-70TAG2 (M)	6	7010	24,7	29,1	125	2500	1000	1400	1600	/	M5	A4
FPS165 S/P-N										170	3300	1100	1650	2120	T85	M5	A4
FPS198 A/P-N	180	198	197	219	1106A-70TAG3 (M)	6	7010	31,8	35,3	140	2850	1000	1400	1790	/	M6	A5
FPS198 S/P-N										170	3300	1100	1500	2280	T85	M6	A5
FPS220 A/P-N	200	220	/	/	1106A-70TAG4 (E)	6	7010	34,7	/	140	2850	1000	1650	1900	/	M6	A5
FPS220 S/P-N										170	3300	1100	1650	2390	T85	M6	A5
FPS250 A/P-N	225	250	245	269	1506A-E88TAG2 (E)	6	8800	35,7	/	150	3000	1100	1500	2090	/	M6	A5
FPS250 S/P-N										170	3300	1100	1650	2450	T85	M6	A5
AVR Alternator																	
FPS280 A/P-N	250	275	281	313	1506A-E88TAG3 (E)	6	8800	41,6	47,5	150	3000	1100	1500	2160	/	M6	A5
FPS280 S/P-N										170	3300	1100	1650	2600	T85	M6	A5
FPS330 A/P-N	300	330	338	375	1506A-E88TAG5 (E)	6	8800	48,2	56,8	290	3200	1100	1700	2630	/	M7	A5
FPS330 SM/P-N										195	3800	1200	1930	3630	T87	M7	A5
FPS385 A/P-N	350	385	400	438	2206A-E13TAG2 (E)	6	12500	54	62	290	3200	1300	2100	3260	/	M7	A5
FPS385 S/P-N										230	3950	1300	2100	4540	T88	M7	A5
FPS440 A/P-N	400	440	400	438	2206A-E13TAG3 (E)	6	12500	62	62	290	3200	1300	2100	3400	/	M7	A5
FPS440 S/P-N										230	3950	1300	2100	4670	T88	M7	A5
FPS505 A/P	450	495	500	563	2506C-E15TAG1 (E)	6	15200	73	77	290	3200	1300	2200	3430	/	M7	A5
FPS505 S/P										410	4500	1450	2300	5300	T100	M7	A5
FPS560 A/P	500	550	500	563	2506C-E15TAG2 (E)	6	15200	81	77	290	3200	1300	2200	3490	/	M7	A5
FPS560 S/P										410	4500	1450	2300	5600	T100	M7	A5
FPS610 A/P-N	550	605	/	/	2806A-E18TAG1A (E)	6	18130	90	/	320	3400	1400	2200	4000	/	M7	A5
FPS610 SM/P-N										490	5000	1900	2350	6200	T110	M7	A5
FPS630 A/P-N	570	630	/	/	2806A-E18TAG1A (E)	6	18130	90	/	320	3400	1400	2200	4476	/	M7	A5
FPS630 SM/P-N										490	5000	1900	2350	6400	T110	M7	A5
FPS660 A/P	600	660	625	687	2806A-E18TAG1A (E)	6	18130	90	95	340	3400	1400	2100	4600	/	M7	A5
FPS660 SM/P										490	5000	1900	2350	6500	T110	M7	A5
FPS700 A/P	650	715	/	/	2806A-E18TAG2 (E)	6	18130	97	/	340	3400	1400	2100	4900	/	M7	A5
FPS700 SM/P										490	5000	1900	2350	6800	T110	M7	A5
FPS810 A/P	750	825	750	825	4006-23TAG2A (E)	6	22921	121	129	370	3800	1700	2250	6000	/	M7	A5
FPS810 SM/P										520	5850	1900	2350	8200	T125	M7	A5
FPS880 A/P	800	880	850	935	4006-23TAG3A (E)	6	22921	130	144	400	4000	1800	2350	6250	/	M7	A5
FPS880 SM/P										520	5850	1900	2350	9200	T125	M7	A5
FPS900 A/P	800	900	/	/	4006-23TAG3A (E)	6	22921	130	/	400	4000	1800	2350	6500	/	M7	A5
FPS900 SM/P										520	5850	1900	2350	9450	T125	M7	A5
FPS1000 A/P	905	996	/	/	4008TAG1A (E)	8	30561	142	/	400	4500	2050	2460	7700	/	M7	A5
FPS1000 SM/P										650	6500	2270	2550	11100	T135	M7	A5
FPS1120 A/P	1022	1125	/	/	4008TAG2A (E)	8	30561	160	/	520	4800	2050	2200	7800	/	M7	A5
FPS1120 SM/P										650	6500	2270	2550	11400	T135	M7	A5
FPS1260 A/P	1125	1250	/	/	4008-30TAG3 (E)	8	30561	188	/	800	4900	2000	2300	9550	/	M7	A5
FPS1260 SM/P										670	7000	2270	2550	13250	T140	M7	A5
FPS1380 A/P	1253	1385	1251	1375	4012-46TWG2A (E)	12	45842	255	255	800	4900	2000	2300	11600	/	M7	A5
FPS1380 SM/P										670	7000	2270	2550	13300	T140	M7	A5
FPS1500 A/P	1360	1500	1364	1500	4006-23TAG3A (E)	12	45842	283	288	800	4800	2000	2370	11800	/	M7	A5
FPS1500 SM/P										670	7000	2270	2550	14000	T140	M7	A5
FPS1650 A/P	1500	1650	1510	1669	4012-46 TAG2A (E)	12	45842	242	352	800	5200	2200	2500	12000	/	M7	A5
FPS1650 SM/P										670	7000	2270	2550	14500	T140	M7	A5
FPS1870 A/P	1705	1875	1710	1880	4012-46TAG3A (E)	12	45842	275	226	800	5200	2220	2660	12400	/	M7	A5
FPS2000A/P	1850	2035	/	/	4016TAG1A (E)	16	61123	275	/	800	6100	2220	2450	13000	/	M7	A5
FPS2000A/P					4016-61TRG1 (E)		61123	300	/	800	6100	2220	2450	13000	/	M7	A5
FPS2200 A/P	2000	2200	/	/	4016TAG2A (E)	16	61123	315	/	800	6150	2220	2450	14000	/	M7	A5
FPS2200 A/P					4016-61TRG2 (E)		61123	337	/	800	6150	2220	2450	14000	/	M7	A5
FPS2500 A/P	2250	2500	/	/	4016-61TRG3 (E)	16	61123	346	/	800	6200	2350	2500	16000	/	M7	A5

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CONNECTROL

MTU
275-3500 kVA

Model	Power kVA 50 Hz PRP	50 Hz LTP	60 Hz PRP	60 Hz LTP	Engine Model	Cyl N	Displac. cc	Consumption 50 Hz	Consumption 60 Hz	Tank L	Dimensions L mm	Dimensions W mm	Dimensions H mm	Weight kg	Canopy	Panel Man.	Panel Aut.
FPS305 A/M	275	300	/	/	6R 1600 G10F (E)	6	10500	48,3	/	150	3000	1100	1900	2320	/	M7	A5
FPS305 S/M										230	3950	1300	2100	3600	T88	M7	A5
FPS330 A/M	300	330	/	/	6R 1600 G20F (E)	6	10500	51,7	/	150	3000	1100	1900	2420	/	M7	A5
FPS330 S/M										230	3950	1300	2100	3700	T88	M7	A5
FPS385 A/M	350	385	/	/	8V 1600 G10F (E)	8	14000	62	/	290	3200	1300	2570	2900	/	M7	A5
FPS385 SM/M										410	4500	1450	2550	4190	T100	M7	A5
FPS400 A/M	360	400	/	/	8V 1600 G10F (E)	8	14000	63,7	/	290	3200	1300	2570	3040	/	M7	A5
FPS400 SM/M										410	4500	1450	2570	4320	T100	M7	A5
FPS440 A/M	400	440	/	/	8V 1600 G20F (E)	8	14000	69,2	/	290	3200	1300	2570	3045	/	M7	A5
FPS440 SM/M										410	4500	1450	2600	4320	T100	M7	A5
FPS505 A/M	450	500	/	/	10V 1600 G10F (E)	10	17500	83,1	/	290	3200	1300	2350	3250	/	M7	A5
FPS505 SM/M										410	4500	1450	2550	4950	T100	M7	A5
FPS560 A/M	500	550	/	/	10V 1600 G20F (E)	10	17500	89,4	/	290	3200	1300	2350	3800	/	M7	A5
FPS560 SM/M										410	4500	1450	2550	5500	T100	M7	A5
FPS610 A/M	550	605	/	/	12V 1600 G10F (E)	12	21000	90,8	/	340	3500	1500	2570	4000	/	M7	A5
FPS610 SM/M										490	5000	1900	2550	6200	T110	M7	A5
FPS630 A/M	570	630	/	/	12V 1600 G10F (E)	12	21000	94,1	/	340	3500	1500	2570	4100	/	M7	A5
FPS630 SM/M										490	5000	1900	2570	6230	T110	M7	A5
FPS650 A/M	590	650	/	/	12V 1600 G10F (E)	12	21000	97,5	/	340	3500	1500	2570	4200	/	M7	A5
FPS650 SM/M										490	5000	1900	2600	6400	T110	M7	A5
FPS700 A/M	649	714	/	/	12V1600 G20F (E)	12	21000	101	/	340	3500	1500	2350	5050	/	M7	A5
FPS700 SM/M										490	5000	1900	2550	7200	T110	M7	A5
FPS880 A/M	800	880	/	/	12V2000 G26F (E)	12	26800	123,6	/	450	4000	1500	2350	5350	/	M7	A5
FPS880 SM/M										520	5850	1900	2550	8500	T125	M7	A5
FPS880A/M	780	860	/	/	12V2000 G65TD (E)	12	23880	129	/	450	4000	1500	2570	5350	/	M7	A5
FPS880 SM/M										520	5850	1900	2550	8500	T125	M7	A5
FPS1000 A/M	910	1005	/	/	16V2000G16F (E)	16	35700	139	/	450	4450	1910	2570	6250	/	M7	A5
FPS1000 SM/M										650	6500	2270	2570	9900	T135	M7	A5
FPS1120 A/M	1005	1106	/	/	16V2000G26F (E)	16	35700	153	/	450	4450	1910	2570	7200	/	M7	A5
FPS1120 SM/M										650	6500	2270	2600	10200	T135	M7	A5
FPS1260 A/M	1135	1250	/	/	16V2000G36F (E)	16	35700	173	/	450	4700	1910	2350	7650	/	M7	A5
FPS1260 SM/M										670	7000	2270	2550	10850	T140	M7	A5
FPS1380 A/M	1250	1380	/	/	18V2000G26F (E)	18	40200	181	/	800	4700	1910	2350	9700	/	M7	A5
FPS1380 SM/M										670	7000	2270	2550	12600	T140	M7	A5
FPS1590 A/M	1445	1590	/	/	12V4000 G23R (E)	12	57200	214	/	800	5000	2000	2570	12000	/	M7	A5
FPS1780 A/M	1650	1780	/	/	12V4000 G23 (E)	12	57200	251	/	800	5000	2000	2550	12500	/	M7	A5
FPS2040 A/M	1850	2035	/	/	12V4000 G63 (E)	12	57200	258	/	800	5000	2200	2570	13000	/	M7	A5
FPS2310 A/M	2100	2310	/	/	16V4000 G23 (E)	16	76300	342	/	800	6100	2300	2570	14500	/	M7	A5
FPS2530 A/M	2300	2530	/	/	16V4000 G63 (E)	16	76300	427	/	800	6100	2300	2570	15500	/	M7	A5

Volvo
85-700 kVA

Model	Power kVA 50 Hz PRP	50 Hz LTP	60 Hz PRP	60 Hz LTP	Engine Model	Cyl N	Displac. cc	Consumption 50 Hz	Consumption 60 Hz	Tank L	Dimensions L mm	Dimensions W mm	Dimensions H mm	Weight kg	Canopy	Panel Man.	Panel Aut.
FPS95 A/V	85	93	88	96	TAD530GE (M)	4	4760	14,8	15,3	100	2100	900	1300	1015	/	M5	A4
FPS95 S/V										140	2850	1000	1400	1525	T70	M5	A4
FPS110 A/V	100	110	109	120	TAD531GE (M)	4	4760	17,1	18	100	2100	900	1300	1240	/	M5	A4
FPS110 S/V										140	2850	1000	1400	1650	T70	M5	A4
FPS145 A/V	130	143	135	148	TAD532GE (E)	4	4760	21,9	23,5	125	2500	1000	1400	1330	/	M5	A4
FPS145 S/V										150	3000	1100	1500	1860	T80	M5	A4
FPS165 A/V	150	165	161	177	TAD731GE (M)	6	7150	26,3	27,7	125	2500	1000	1400	1570	/	M5	A4
FPS165 S/V										170	3300	1100	1650	2120	T85	M5	A4
FPS198 A/V	180	198	205	226	TAD732GE (E)	6	7150	31,4	36,2	140	2850	1000	1400	1640	/	M6	A5
FPS198 S/V										170	3300	1100	1650	2170	T85	M6	A5
FPS220 A/V	200	220	226	251	TAD733GE (E)	6	7150	34,6	40	140	2850	1000	1400	1690	/	M6	A5
FPS220 S/V										170	3300	1100	1650	2230	T85	M6	A5
FPS280 A/V	250	275	258	284	TAD734GE (E)	6	7146	42,9	44,6	150	3000	1100	1650	2000	/	M8	A5
FPS280 SM/V										195	3800	1200	1930	3150	T87	M8	A5
FPS330 A/V	300	330	345	379	TAD1341GE (E)	6	12780	46	54	290	3200	1100	1900	2720	/	M8	A5
FPS330 S/V										230	3950	1300	2100	3650	T88	M8	A5
FPS350 A/V	315	346	345	379	TAD1341GE (E)	6	12780	48	54	290	3200	1100	1900	2940	/	M8	A5
FPS350 S/V										230	3950	1300	2100	3800	T88	M8	A5
FPS385 A/V	350	385	407	448	TAD1342GE (E)	6	12780	54	55,3	290	3200	1100	1900	3000	/	M8	A5
FPS385 S/V										230	3950	1300	2100	3900	T88	M8	A5
FPS410 A/V	375	410	419	460	TAD1343GE (E)	6	12780	56,6	64,3	290	3200	1100	1900	3040	/	M8	A5
FPS410 S/V										230	3950	1300	2100	4100	T88	M8	A5
FPS440 A/V	400	440	450	500	TAD1344GE (E)	6	12780	63,7	71,1	290	3200	1100	1900	3045	/	M8	A5
FPS440 S/V										230	3950	1300	2100	4320	T88	M8	A5
FPS505 A/V	450	500	464	510	TAD1345GE (E)	6	12780	71	79,44	290	3200	1100	1900	3250	/	M8	A5
FPS505 S/V										230	3950	1300	2100	5050	T88	M8	A5
FPS560 A/V	500	550	570	642	TAD1641GE (E)	6	16120	77,1	89,6	290	3200	1300	2200	3300	/	M8	A5
FPS560 S/V										410	4500	1450	2300	5200	T100	M8	A5
FPS610 A/V	550	605	635	699	TAD1642GE (E)	6	16120	82	97	290	3200	1300	2200	4000	/	M8	A5
FPS610 S/V										410	4500	1450	2300	6000	T100	M8	A5
FPS630 A/V	570	630	635	699	TAD1642GE (E)	6	16120	85	97	290	3200	1300	2200	4100	/	M8	A5
FPS630 S/V										410	4500	1450	2300	6030	T100	M8	A5
FPS650 A/V	590	650	635	699	TAD1642GE (E)	6	16120	88	97	290	3200	1300	2200	4100	/	M8	A5
FPS650 S/V										410	4500	1450	2300	6030	T100	M8	A5
FPS700 A/V	630	700	687	757	TWD1643GE (E)	6	16120	96,1	105,4	340	3500	1600	2100	5100	/	M8	A5
FPS700 SM/V										490	5000	1900	2350	7250	T110	M8	A5

Regional operations: www.connectrol.com ; sales@connectrol.com
Local operations: www.certified-buildings.com ; sales@certified-buildings.com

CONNECTROL

Cummins
25-3000 kVA

Model / Model	Power kVA / Puissance kVA				Engine					Tank	Dimensions			Weight	Canopy	Panel	
	50 Hz		60 Hz		Model / Speed governor / Régulateur de vitesse	Cyl / Cyl N	Displac. cc	Consumption 50 Hz	Consumption 60 Hz	L	L mm	W L mm	H H mm	kg		Man.	Aut.
	PRP	LTP	PRP	LTP													
FPS30 A/C-N	25	28	/	/	X2.5G2 (M)	3	2500	4,8	/	70	1750	700	1100	660	/	M4	A3
FPS30 S/C-N										100	2100	900	1150	860	T60	M4	A3
FPS33 A/C-N	30	33	/	/	X3.3G1 (M)	4	3300	6,1	/	70	1750	700	1100	680	/	M4	A3
FPS33 S/C-N										100	2100	900	1150	880	T60	M4	A3
FPS44 A/C-N	40	44	/	/	S3.8G4 (M)	4	3800	7,6	/	70	1750	700	1100	800	/	M4	A3
FPS44 S/C-N										100	2100	900	1150	1000	T60	M4	A3
FPS55 A/C-N	50	55	/	/	S3.8G6 (M)	4	3800	9,5	/	70	1750	700	1100	830	/	M5	A4
FPS55 S/C-N										100	2100	900	1150	1030	T60	M5	A4
FPS66 A/C-N	60	66	/	/	S3.8G7 (M)	4	3800	11	/	100	2100	900	1300	910	/	M5	A4
FPS66 S/C-N										100	2260	1000	1400	1180	T62	M5	A4
FPS88 A/C	80	88	96	105	QSB5G4 (E)	4	4500	18	23	100	2100	900	1400	1100	/	M5	A4
FPS88 S/C										130	2500	1000	1400	1420	T65	M5	A4
FPS110 A/C-N	100	110	/	/	6BTA5.9G5 (E)	4	5900	18	/	100	2100	900	1500	1350	/	M5	A4
FPS110 S/C-N										140	2850	1000	1400	1700	T70	M5	A4
FPS110 A/C	100	110	113	125	QSB5G5 (E)	4	4500	20	24	100	2100	900	1500	1300	/	M5	A4
FPS110 S/C										140	2850	1000	1400	1650	T70	M5	A4
FPS145 A/C-N	132	145	150	170	6BTAA5.9G6 (E)	6	5900	27	31	125	2500	1000	1550	1400	/	M5	A4
FPS145 S/C-N										150	3000	1100	1500	1940	T80	M5	A4
FPS165 A/C	150	165	/	/	6BTAA5.9G7 (E)	6	5900	29	/	125	2500	1000	1550	1450	/	M5	A4
FPS165 S/C										170	3300	1100	1650	2000	T85	M5	A4
FPS198 A/C	180	198	200	220	QSB7G4 (E)	6	6690	34	37	140	2850	1000	1600	1540	/	M6	A5
FPS198S/C										170	3300	1100	1650	2030	T85	M6	A5
FPS220 A/C	200	220	225	250	QSB7G5 (E)	6	6690	36	40	140	2850	1000	1600	1650	/	M6	A5
FPS220 S/C										170	3300	1100	1650	2140	T85	M6	A5
FPS280 A/C	250	275	284	313	QSL9G3 (E)	6	8800	49	58	150	3000	1100	1900	1900	/	M6	A5
FPS280 SM/C										195	3800	1200	1930	3000	T87	M6	A5
FPS330 A/C-N	300	330	344	375	QSL9G5 (E)	6	8800	46	55	150	3000	1100	1900	2250	/	M7	A5
FPS330 SM/C-N										195	3800	1200	1930	3600	T87	M7	A5
FPS385 A/C-N	350	385	/	/	NTA855G4 (E)	6	14000	57	/	290	3200	1300	1950	3000	/	M7	A5
FPS385 S/C-N										230	3950	1300	2100	3900	T88	M7	A5
FPS440 A/C	400	440	450	500	QSX15G6 (E)	6	15000	74,3	75,2	290	3200	1400	1900	3650	/	M7	A5
FPS440 S/C										410	4300	1600	2300	5250	T105	M7	A5
FPS505 A/C	450	495	/	/	QSX15G6 (E)	6	15000	74,3	/	290	3200	1400	1900	3800	/	M7	A5
FPS505 S/C										410	4300	1600	2300	5400	T105	M7	A5
FPS560 A/C	500	550	/	/	QSX15G8 (E)	6	15000	78,7	/	290	3200	1400	1900	3900	/	M7	A5
FPS560 S/C										410	4300	1600	2300	5500	T105	M7	A5
FPS700 A/C	636	700	681	750	VTA28 G5 (E)	12	28000	104	118	340	3500	1600	2100	5150	/	M7	A5
FPS700 S/C										490	5000	1900	2350	7300	T110	M7	A5
FPS880 A/C	800	880	909	1000	QSK23 G3 (E)	6	23150	121	139	400	4000	1700	2100	5350	/	M7	A5
FPS880 SM/C										520	5850	1900	2420	8500	T125	M7	A5
FPS1000 A/C	910	1000	1025	1125	KTA38G3 (E)	12	37800	151	168	400	4000	1700	2060	7300	/	M7	A5
FPS1000 SM/C										650	6500	2270	2550	9200	T135	M7	A5
FPS1120 A/C	1000	1100	/	/	KTA38G5 (E)	12	37800	161	/	480	4500	2050	2350	7700	/	M7	A5
FPS1120 A/C										650	6500	2270	2550	11100	T135	M7	A5
FPS1120 SM/C	1275	1400	1418	1610	KTA50G3 (E)	16	50300	199	222	800	5050	2000	2250	10000	/	M7	A5
FPS1400 A/C										670	7000	2270	2550	14000	T140	M7	A5
FPS1650 A/C	1400	1650	/	/	KTA50G8 (E)	16	50300	222	/	800	5550	2050	2350	12000	/	M7	A5
FPS1650 SM/C										670	7000	2270	2550	16000	T140	M7	A5
FPS2090 A/C	1875	2060	/	/	QSK60G3 (E)	16	60200	263	/	800	5900	2550	3150	13000	/	M7	A5
FPS2200 A/C	2034	2233	/	/	QSK60G4 (E)	16	60200	291	/	800	5900	2550	3150	14000	/	M7	A5

Regional operations: www.connectrol.com ; sales@connectrol.com
Local operations: www.certified-buildings.com ; sales@certified-buildings.com

Panel Board/MCC/ATS/ Synchronizing Panel

Application

- Main and distribution boards
- Motor Control Centers
- Operation and Control Switchboards
- Automatic Transfer Switch
- Synchronizing Panel

Briefing

Connectrol produces low voltage distribution panels, ATS, MCC and Control panels according to the customer designs and demands as per IEC standard to protect generator, substation, transformer, distribution network, and street lighting up to 7800A
The system offers varying form of separation 1 - 2 -3 - 4 - &2B as per IEC and ingress protection from IP30 to IP67

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Complete System Control

As a supplier of various types of protective equipment Connectrol offers a complete choice which includes:

- Miniature, Molded Case & Air Circuit Breakers
- Fuses & Switch Disconnectors
- variable speed drives & Contactors
- Communication and control increasing forms part of a system - data exchange via Profibus or Modbus is available for most components, to ensure a homogeneous setup

Technical Data

Electrical Data

Rated operational voltage	Ue	400,690, 800, 1ooov
AC/DC Rated frequency	F	50/60Hz
Rated impulse		
Voltage/Overvoltage category	Uimp	8kV
Rated current horizontal busbars		up to 7800A
Peak withstand current	Ipk	up to 220kA
Short time withstand current	Icw	up to 100kA

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