

2020 Edition

Prime Power Solution®



Prime Power Solution Ltd

PPS Group is the world's foremost distributor of UK designed & manufactured generators and power equipment.

British Engineering

PPS Company's growth has excelled immensely since first being established. Exporting to over 50 countries, worldwide and driving forward our ambition, philosophy and aspiration to deliver UK quality and service around the world. Based in the Midlands, UK; the company has established its reputation as a brand leader that can be trusted and depended upon to deliver all your power solutions.

Quality Assured Diesel Generators

PPS was founded to supply the world with the high quality manufacturing and exceptional distribution service, which was missing on the international market. The PPS brand is 'Prime Power Solutions', emphasizing 'Solutions' as that is our main goal to help with your requirements.

Our flexible production lines allow us to fully design and customize products to suit all your needs, whether you are a domestic or Commercial customer in the UK or overseas, PPS has the solution.

British Manufactured



9 - 2000 kVA

Open Type Generators



Built from thick steel, the skid base for our open type generators is robust and complete with high quality UK AVM's (anti vibrations mounts). The skid base is designed and tailored to the engine and alternator, ensuring stability and a specific fit for the product. The base frame features a large fuel tank (for models -5690kva only) to ensure long running hours and the UK manufactured muffler considerably reduces noise levels.

The design of our open type generators ensures they are suitable for installation to many applications

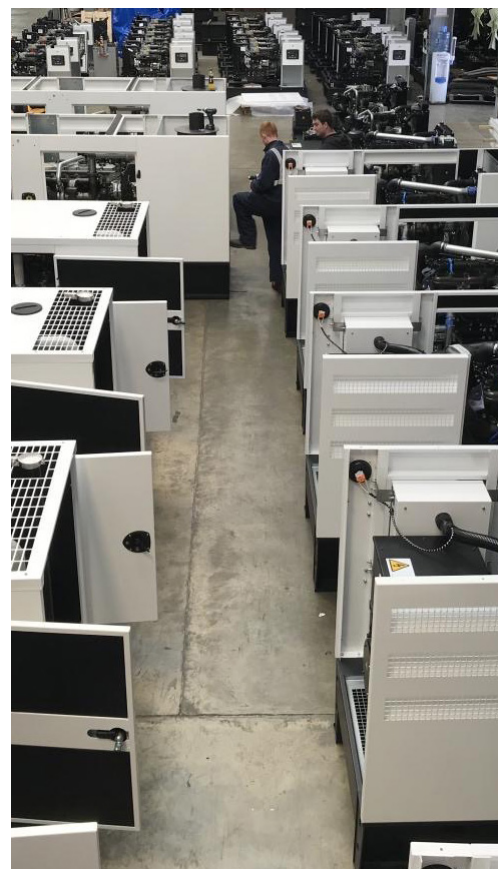
All our open type generators are designed with the end user in mind; For easy to use functionality, excellent service and maintenance access.

Key Features

- Skid base manufactured from high grade steel
- Colour coded wiring looms (to aid maintenance)
- High quality, noise reducing silencer
- Anti vibration mounts, for the engine and alternator
- Mechanical fuel gauge for ease of checking
- Large robust fuel tank to provide a minimum of 8 hour operation time
- Easy fuel filling point
- Forklift space strong enough to support whole generator

Security and Safety

- Lockable control panel
- Emergency stop button
- Cooling fan and battery charging alternator fully guarded



Enclosed Type Generators



The canopy itself is constructed from galvanized steel, press-formed and fastened to the base frame and finished with a high quality powder coat with suitable thickness; bolted by galvanized bolts and contains a large fuel tank to enable long running hours.

The residential silencer and high quality soundproofing, ensure the noise levels are dramatically reduced. The canopies ensure our customers a continuous high performance in outdoor environments.

The development team at PPS have designed canopies to give the end customers a power supply, which is easy to use, easy to service and provides all the functions needed to power a busy home or business.

All PPS canopies come with end user in mind and are designed for easy to use functionality with excellent service and maintenance access.

Security and Safety

- Control panel viewing window in a lockable access door
- Emergency stop push button, mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Fuel fill point lockable with fuel breathing apparatus
- Residential exhaust muffler mounted inside canopy
- Multi-density polyester soundproofing material – Fire resistant class 1



Excellent Service and Maintenance Access

- Large doors for easy servicing
- Radiator filling point on the roof (UK Standard)
- Colour coded wiring looms

Transport ability

- Lift hooks/forklift space strong enough to support whole generator.



CONTAINERISED GENERATORS

Built into a corrugated metal container with aluminium-reinforced floor, containerizing generators suitable for various applications. The container boasts two easy access doors for maintenance; a third is included which features a control module-viewing window (excluding 9ft container.)

The containerized generators can be designed and tailored to suit your specific requirements, such as combining a UPS (Uninterrupted Power Supply) and diesel generator into one container.

Built for resilience, the containerized generators are manufactured in ISO standard containers and are available in ranges of 9ft, 10ft, 20ft and 40ft.

Security and Safety

- All doors equipped with emergency handles
- Lockable doors
- Interior and exterior emergency stop
- Interior LED lighting
- Exterior beacon light when generator is opera

Key Benefits

- Designed to withstand harsh environments and weather conditions
- Built from galvanized steel, to protect from rust and corrosion
- Container designed to be shipped, and CSC plates provided
- Easy to install, maintain and service

Excellent Service & Maintenance Access

- Convenient cable entry point
- Equipped with climbing ladder for ease of servicing
- Multiple service doors
- Colour coded wiring looms



Specific Container Feature

- Large internal fuel tank
- External fuel filling point
- Steel rail runners, for the generator
- Channel air flow intakes and outlets
- Equipped with water traps
- Residential silencer to reduce noise
- High quality soundproofing



Perkins Stamford

Genset Model		Standby Power		Prime Power	Perkins	Stamford
Open Type Model	Silent Type Model	Amps	kVA	kVA	Engine Model	Alternator
1 Phase, 230V, 50Hz, 1500RPM.						
P1WP8	P1WP8S	38	8.4	7.5	403A-11G1	PI044G
P1WP14	P1WP14S	68	15	14	403A-15G2	PI044F
P1WP18	P1WP18S	90	19.8	18	404A-22G	PI044G
P1WP30	P1WP30S	126		27.7	1103A-33G	S1L2-N1
P1WP40	P1WP40S	182		40	1103A-33TG1	S1L2-Y1
P1WP60	P1WP60S	250		55	1103A-33TG2	UCI274C

Perkins Stamford

3 Phase, 400~230V, 50Hz, 1500RPM.						
PWR9	PWR9S	15	10	9	403A-11G1	PI044E
PWR13	PWR13S	21	13.8	12.5	403A-15G1	S0L1-P1
PWR15	PWR15S	24	15.6	14.2	403A-15G2	S0L1-P1
PWR20	PWR20S	33	22	20	404A-22G	S0L2-G1
PWR30Z	PWR30ZS	50	33	30	1103A-33G	S0L2-P1
PWR45Z	PWR45ZS	76	50	45	1103A-33TG1	S1L2-N1
PWR60Z	PWR60ZS	100	66	60	1103A-33TG2	S1L2-Y1
PWR30	PWR30S	50	33	30	1103A-33G	S0L2-P1
PWR45	PWR45S	76	50	45	1103A-33TG1	S1L2-N1
PWR60	PWR60S	100	66	60	1103A-33TG2	S1L2-Y1
PWR65	PWR65S	108	71	65	1104-44TG1	UCI 224F1
PWR80	PWR80S	135	89	80	1104A-44TG2	UCI 224G1
PWR100C	PWR100CS	167	110	100	1104C-44TAG2	UCI 274C1
PWR135	PWR135S	227	150	136	1106A-70TG1	UCI 274E1
PWR150	PWR150S	252	166	151	1106A-70TAG2	UCI 274F1
PWR180	PWR180S	303	200	180	1106A-70TAG3	UCI 274G1
PWR200	PWR200S	333	220	200	1106A-E70TAG4	UCI 274H1
PWR250E	PWR250ES	417	275	250	1506A-E88TAG3	UCDI2741K
PWR300E	PWR300ES	500	330	300	1506A-E88TAG5	S4L1D-D41
PWR200UE	PWR200UES	333	220	200	1206A-E70TTAG1	UCI274H1
PWR225UE	PWR225UES	391	258	225	1206A-E70TTAG2	UCDI274J1
PWR250UE	PWR250UES	417	275	250	1206A-E70TTAG3	UCDI274K1
PWR350E	PWR350ES	576	380	350	2206A-E13TAG2	S4L1D-E41
PWR400E	PWR400ES	644	425	400	2206A-E13TAG3	S4L1D-F41
PWR450E	PWR450ES	770	508	464	2506A-E15TAG1	S4L1D-G41
PWR500E	PWR500ES	788	520	50	2506A-E15TAG2	HCI 544C1
PWR500E2	PWR500E2S	833	550	50	2506A-E15TAG2	HCI 544D1
PWR600E	PWR600ES	1008	665	610	2806A-E18TAG1A	HCI 544E1
PWR660E	PWR660ES	1094	722	670	2806A-E18TAG2	HCI 544F1
PWR700E	PWR700ES	1167	770	700	2806A-E18TTAG4	HCI 634G1
PWR770E	PWR770ES	1242	820	770	2806A-E18TTAG5	HCI 634G2
PWR720	PWR720S	1242	820	745	4006-23TAG2A	HCI 634G1
PWR80	PWR80S	1303	260	800	4006-23TAG3A	HCI 634G2
PWR910	PWR910S	1515	1000	900	4008TAG1A	HCI 634H1
PWR1000	PWR1000S	1682	1110	1000	4008TAG2A	HCI 634J1

Perkins Stamford

Genset Model		Standby Power		Prime Power	Perkins	Stamford
Open Type Model	Silent Type Model	Amps	kVA	kVA	Engine Model	Alternator

PWR1125A	PWR1125AS	1894	1250	1125	4008-30TG3	HCI 634K1
PWR1250	PWR1250S	2083	1375	1253	4012-46TWG2A	PI 734A1
PWR1250	PWR1250S	2083	1375	1253	4012-46TWG2A	PI 734B1
PWR1350	PWR1350S	2273	1500	1350	4012-46TWG3A	PI 734B1
PWR1500	PWR1500S	2500	1650	1500	4012-46TAG2A	PI 734C1
PWR1750	PWR1750S	2879	1900	1750	4012-46TAG3A	PI 734E1
PWR1825	PWR1825S	3030	2000	1825	4016-61TRG1	PI 734E1
PWR2000	PWR2000S	3333	2200	2000	4016-61TRG2	PI 734F1
PWR2200	PWR2200S	3636	2400	2200	4016-61TRG3	PI 734G1

Perkins Stamford

3 Phase, 440V, 60Hz, 1800RPM						
P60WP35	P60WP35S	51	39.1	35.7	1103A-33G	S1L2-J1
P60WP50	P60WP50S	73	55.4	50.4	1103A-33TG1	S1L2-N1
P60WP70	P60WP70S	100	72.6	69.3	1103A-33TG2	S1L2-Y1
P60WP90	P60WP90S	135	102.8	93.7	1104A-44TG2	UCI 224G
P60WP115	P60WP115S	167	127.5	117	1104C-44TAG2	UCI 274C
P60WP150	P60WP150S	223	169.7	152	1106A-E70TG1	UCI 274E
P60WP170	P60WP170S	238	181	167	1106A-E70TAG2	UCI 274E
P60WP200	P60WP200S	290	221	200	1106A-E70TAG3	UCI 274G
P60WP225E	P60WP225ES	339	258	233	1206A-E70TAG1	UCDI274J
P60WP250E	P60WP250ES	360	274	50	1506A-E88TAG1	UCDI274J
P60WP290E	P60WP290ES	420	320	293	1506A-E88TAG3	UCDI274K
P60WP320E	P60WP320ES	458	149	317	1506A-E88TAG4	S4L1D-D41
P60WP355E	P60WP355ES	516	393	355	1506A-E88TAG5	S4L1D-D41
P60WP400E	P60WP400ES	583	444	406	2206A-E13TAG2	S4L1D-E41
P60WP440E	P60WP440ES	622	474	435	2206A-E13TAG3	S4L1D-F41
P60WP450E	P60WP450ES	672	512	449	2206A-E13TAG6	S4L1D-F41
P60WP500E	P60WP500ES	744	567	504	2506A-E15TAG1	S4L1D-G41
P60WP505E	P60WP505ES	744	567	504	2506A-E15TAG2	S4L1D-G42
P60WP585E	P60WP585ES	843	642	585	2506A-E15TAG4	HCI 544D
P60WP650E	P60WP650ES	934	712	646	2806A-E18TAG	HCI 544E
P60WP700E	P60WP700ES	1009	796	705	2806A-E18TAG3	HCI 544F
P60WP820E	P60WP820ES	1202	916	829	2806A-E18TTAG5	HCI 634H
P60WP860E	P60WP860ES	1245	949	860	2806A-E18TTAG7	HCI 634H
P60WP760	P60WP760S	1098	837	761	4006-23TAG2A	HCI 544F
P60WP850	P60WP850S	1238	943	484	4006-23TAG3A	HCI 634G
P60WP880	P60WP880S	1277	973	882	4008TAG1A	HCI 634G
P60WP1000	P60WP1000S	1487	1133.1	1005	4008TAG2A	HCI 634H
P60WP1260	P60WP1260S	1825	1391	1559	4012-46TWG2A	HCI 634K
P60WP1360	P60WP1360S	1692	1495	1360	4012-46TAG1A	PI734A
P60WP1500	P60WP1500S	2106	1605	1500	4012-46TAG2A	PI734A
P60WP1700	P60WP1700S	2484	1893	1722	4012-46TAG3A	PI734C

Cummins Stamford

Genset Model		Standby Power		Prime Power	Cummings	Stamford
Open Type Model	Silent Type Model	Amps	kVA	kVA	Engine Model	Alternator
3 Phase, 400v, 50Hz, 1500RPM						
WPC300	WPC300S	500	330	300	QSL9-G5	S4L1D-D41
WPC350	WPC350S	597	394	350	NTA855G4	S4L1D-E41
WPC400	WPC400S	680	449	400	QSX15G4	S4L1D-F41
WPC450	WPC450S	774	511	464	QSX15G6	HCI 544C1
WPC500	WPC500S	788	520	500	QSX15G8	HCI 544C1
WPC660	WPC660S	1064	702	640	VTA28G5	HCI 544F1
WPC800	WPC800S	1224	808	760	QSK23G3	HCI 634G1
WPC910	WPC910S	1530	1010	930	KTA38G3	HCI 634H1
WPC1000	WPC1000S	1682	1110	1018	KTA38G5	HCI 634J1
WPC910-2	WPC910-2S	1515	1000	910	QST30G3	HCI 634H1
WPC1000-2	WPC1000-2S	1667	1100	1000	QST30G4	HCI 634J1
WPC1275	WPC1275S	2145	1416	1275	KTA50G3	PI 734B1
WPC1275-2	WPC1275-2S	2145	1416	1275	QSK38G5	PI 734B1
WPC1400	WPC1400S	2515	1660	1393	KTA50G8	PI 734C1
WPC1400-2	WPC1400-2S	2515	1660	1393	QSK50G3	PI 734C1
WPC1500	WPC1500S	2515	1660	1543	QSK50G4	PI 734C1
WPC1650	WPC1650S	2777	1833	1661	QSK50G7	PI 734E1
WPC1875	WPC1875S	3083	2035	1892	QSK60G3 HPI	PI 734E1
WPC2045	WPC2045S	3383	2233	2034	QSK60G4 HPI	PI734F1



Baudouin Stamford

Genset Model		Standby Power		Prime Power	Baudouin	Stamford
Open Type Model	Silent Type Model	Amps	kVA	kVA	Engine Model	Alternator
3 Phase, 400V, 50Hz, 1500RPM.						
WPB20	WPB20S	29	19.8	17.8	4M06G20/5	SOL2-G1
WPB25	WPB25S	36	25	23	4M06G25/5	SOL2-P1
WPB35	WPB35S	37	25.8	23.6	4M06G35/5	S1L2-N1
WPB45	WPB45S	64	44	39	4M06G44/5	S1L2-N1
WPB50	WPB50S	72	49.5	45	4M06G50/5	S1L2-N1
WPB55	WPB55S	80	55	50	4M06G55/5	S1L2-R1
WPB70	WPB70S	100	69	63	4M11G70/5	S1L2-Y1
WPB90	WPB90S	128	88	80	4M11G90/5	UCI 274C
WPB120	WPB120S	172	119	107	4M11G120/5	UCI 274D1
WPB155	WPB155S	217	150	140	6M11G150/5	UCI 274E1
WPB170	WPB170S	243	168	152	6M11G165/5	UCI 274F1
WPB220	WPB220S	319	220	200	6M16G220/5	UCI 274H
WPB250	WPB250S	377	260	235	6M16G250/5	UCDI 274K
WPB275	WPB275S	399	275	250	6M16G275/5	UCDI 274K
WPB340	WPB340S	493	340	310	6M16G350/3	S4L1D-D41
WPB350	WPB350S	513	354	320	6M16G350/4	S4L1D-E41
WPB385	WPB385S	601	415	360	6M16G385/5	S4L1D-E41
WPB440	WPB440S	642	443	415	6M21G440/5	S4L1D-F41
WPB500	WPB500S	725	500	452	6M21G500/5	S4L1D-G41
WPB550	WPB550S	655	452	492	6M26G550/5	HCI 544C
WPB550/B	WPB550/BS	786	542	492	6M21G550/5	HCI 544D
WPB660	WPB660S	957	660	600	6M33G660/5	HCI 544E
WPB715	WPB715S	1036	715	647	6M33G715/5	HCI 544F
WPB825	WPB825S	1225	845	768	6M33G825/5	HCI 544G
WPB825V12	WPB825V12S	1225	845	768	12M26G825/5	HCI 634G1
WPB900	WPB900S	1310	904	823	12M26G900/5	HCI 634H1
WPB1010	WPB1010S	1464	1010	936	12M26G1000/5	HCI 634H1
WPB1110	WPB1110S	1609	1110	1020	12M26G1100/5	HCI 643J1
WPB1250	WPB1250S	1783	1230	1135	12M33G1250/5	HCI 634K1
WPB1400	WPB1400S	1957	1350	1260	12M33G1400/5	PI734A
WPB1500	WPB1500S	2174	1500	1386	12M33G1500/5	PI734B
WPB1750	WPB1750S	2541	1753	1585	16M33G1700/5	PI734E
WPB1900	WPB1900S	2791	1926	1746	16M33G1900/5	PI734E
WPB2000	WPB2000S	2949	2035	1854	16M33G2000/5	PI734E
WPB2300	WPB2300S	3354	2314	2110	12M55G2300/5	PI734G
WPB2550	WPB2550S	3675	2536	2267	12M55G2550/5	LVS1804R
WPB2750	WPB2750S	4101	2830	2530	12MG2750/5	LVS1804S

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