

14-2250kVA

POWER

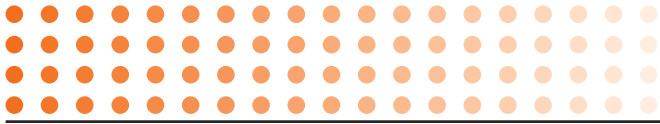
A Supersilent range of 1500rpm heavy-duty Genpacs ideal for standby, industrial, and rental applications.

The unit can be remotely controlled or used in automatic mains failure situations.
From 14-2250kVA.



TECHNICAL SPECIFICATION

Model	kVA standby ESP 0.8PF 50HZ	kVA PRP 0.8PF 50HZ	Leroy Somer Alternator	Phase	Voltage	Engine	No. Cylinders	Cooling	dBA @ 7m	Socket Outlets	Dimensions cm (LxWxH)	Weight kg
GQ16P	14.5	13	37VL8	3	400	Perkins 403C 15G	3	Water	62	32A Socket	150x80x133	580
GQ22P	22	20	42.2 S5	3	400	Perkins 404C 22G	4	Water	62	32A Socket	150x80x133	640
GQ36P	30	28	42.2 M7	3	400	Perkins 1103A 33C	3	Water	68	Hardwire	196x98x145	850
GQ51P	49	44	43.2 S3	3	400	Perkins 1103A 33TGI	3T	Water	67	Hardwire	230x113x165	1310
GQ71P	72	65	43.2 L6	3	400	Perkins 1103A 33TG2	4T	Water	71	Hardwire	230x113x165	1340
GQ90P	88	80	43.2 L8	3	400	Perkins 1104A 44TG2	4T	Water	67	Hardwire	230x113x165	1630
GQ111P	110	100	44.2 VS45	3	400	Perkins 1104C 44TAG2	6T	Water	68	Hardwire	297x113x190	1750
GQ150P	150	136	44.2 M9	3	400	Perkins 1006TAG	6T	Water	68	Hardwire	297x113x190	1940
GQ170P	166	151	44.2 L11	3	400	Perkins 1306 E87TG1	6T	Water	68	Hardwire	297x113x190	2400
GQ220P	229	208	46.2 M5	3	400	Perkins 1306C E87TAG3	6T	Water	68	Hardwire	383x123x221	2600
GQ275P	275	250	46.2 L6	3	400	Perkins 1306C E87TAG6	6T	Water	68	Hardwire	383x123x221	2660
GQ400P	400	350	47.2 VS2	3	400	Perkins 2306C E14TAG2	6T	Water	68	Hardwire	425x200x225	4150
GQ451P	450	400	47.2 S4	3	400	Perkins 2306C E14TAG3	6T	Water	68	Hardwire	425x200x225	4200
GQ501P	500	450	47.2 S5	3	400	Perkins 2806C E16TAG1	6T	Water	69	Hardwire	485x200x225	5200
GQ551P	550	500	47.2 M7	3	400	Perkins 2806C E16TAG2	6T	Water	69	Hardwire	485x200x225	5550
GQ651P	630	550	47.2 N8	3	400	Perkins 2806C E18TAG1	6T	Water	70	Hardwire	485x200x243	5800
GQ701P	700	650	49.1 S4	3	400	Perkins 2806C E18TAG2	6T	Water	70	Hardwire	485x200x243	5850
GQ800P	802	730	49.1 M6	3	400	Perkins 3012TAG2A	12VT	Water	*	Hardwire	555x220x265	6500
GQ900P	880	800	49.1 L9	3	400	Perkins 3012TAG3A	12VT	Water	*	Hardwire	555x220x265	6600
GQ1100P	1125	1022	50.1 S4	3	400	Perkins 4008TAG2/2A	8T	Water	*	Hardwire	Containerised	*
GQ1400P	1403	1271	50.1 M7	3	400	Perkins 4012TWG2	12T	Water	*	Hardwire	Containerised	*
GQ1700P	1656	1505	50.1 VL10	3	400	Perkins 4012TAG2/2A	12T	Water	*	Hardwire	Containerised	*
GQ2250P	2264	2058	51 L8	3	400	Perkins 4016TAG2/2A	16T	Water	*	Hardwire	Containerised	*



CONTAINERISED ENCLOSURE OPTIONS

	G1100	G1400	G1700	G2250
Electric Options	1600 A	2000 A	2500 A	3200 A
MCCB	✓	✓	✓	✓
Transfer Switch in a Separate Box	✓	✓	✓	✓
Mechanical Options	1600 A	2000 A	2500 A	3200 A
Industrial Silencer – Loose	✓	✓	✓	✓
Residential Silencer – Loose	✓	✓	✓	✓
Automatic Refill Fuel Tank System	✓	✓	✓	✓
20' Weather Proof Container	✓	✓	✓	n/a
30' Weather Proof Container	✓	✓	✓	✓
40' Weather Proof Container	✓	✓	✓	✓
20' Sound Proof Container	✓	✓	n/a	n/a
30' Sound Proof Container	✓	✓	✓	✓
40' Sound Proof Container	✓	✓	✓	✓



JOHN DEERE TECHNICAL SPECIFICATION

Model	kVA standby ESP 0.8PF 50HZ	kVA PRP 0.8PF 50HZ	Leroy Somer Alternator	Phase	Voltage	Engine	No. Cylinders	Cooling	dBA @ 7m	Socket Outlets	Dimensions cm (LxWxH)	Weight kg
GQ35JD	34	30	42.2 M7	3	400	John Deere 3029DF128	3	Water	67	1-63A 400V	196x98x145	840
GQ51JD	44	40	43.2 S3	3	400	John Deere 3029TF158	3T	Water	67	Hardwire	196x98x145	1310
GQ70JD	70	63	43.2 L6	3	400	John Deere 4039TF008	4T	Water	67	Hardwire	230x113x165	1340
GQ90JD	88	80	43.2 L8	3	400	John Deere 4045TF258	4T	Water	66	Hardwire	230x113x165	1570
GQ110JD	110	100	44.2 VS45	3	400	John Deere 4045HF158	4T	Water	68	Hardwire	297x113x190	1820
GQ120JD	110	100	44.2 VS45	3	400	John Deere 6068TF158	6T	Water	70	Hardwire	297x113x190	1800
GQ130JD	132	120	44.2 S7	3	400	John Deere 6068TF258	6T	Water	70	Hardwire	297x113x190	2180
GQ170JD	165	150	44.2 L11	3	400	John Deere 6068HF158	6T	Water	69	Hardwire	297x113x190	2400
GQ200JD	200	180	44.2 L12	3	400	John Deere 6068HF258	6T	Water	73	Hardwire	297x113x190	2650
GQ220JD	220	200	46.2 M5	3	400	John Deere 6081HF001	6T	Water	70	Hardwire	383x123x221	3150
GQ275JD	275	250	46.2 L6	3	400	John Deere 6081HF001	6T	Water	70	Hardwire	383x123x221	3200
GQ300JD	300	260	46.2 L9	3	400	John Deere 6081HF001	6T	Water	70	Hardwire	383x123x221	3250

Optional Accessories:

- Central Lifting Eye
- Fuel Level Sensor
- Fast Tow Road Trailer
- Battery Isolator Switch
- Remote Telemetry Control
- Engine Heater
- Electric Speed Gov.
- 24 Volt Starting
- Special Canopy Colour
- Oil Extract Pump
- Low Speed Trailer
- Automatic and Manual Fuel Replenishment System
- Mains Synchronisation Packages

For available options on all generator models please contact our Sales Team.



VOLVO PENTA

TECHNICAL SPECIFICATION



Model	kVA standby ESP 0.8PF 50HZ	kVA PRP 0.8PF 50HZ	Leroy Somer Alternator	Phase	Voltage	Engine	No. Cylinders	Cooling	dBA @ 7m	Socket Outlets	Dimensions cm (LxWxH)	Weight kg
GQ100V	94	85	43.2 L8	3	400	Volvo TD520GE	4T	Water	68	Hardwire	297x113x190	1820
GQ110V	110	100	44.2 VS3	3	400	Volvo TAD520GE	4T	Water	68	Hardwire	297x113x190	1970
GQ150V	143	130	44.2 M9	3	400	Volvo TD720GE	6T	Water	68	Hardwire	297x113x190	2180
GQ175V	165	150	44.2 L11	3	400	Volvo TAD720GE	6T	Water	68	Hardwire	363x123x221	2500
GQ211V	203	180	46.2 M3	3	400	Volvo TAD721GE	6T	Water	68	Hardwire	363x123x221	2700
GQ226V	223	200	46.2 M5	3	400	Volvo TAD722GE	6T	Water	68	Hardwire	363x123x221	2800
GQ275V	275	250	46.2 L6	3	400	Volvo TAD740GE	6T	Water	68	Hardwire	383x123x221	3200
GQ301V	300	280	46.2 L9	3	400	Volvo TAD940GE	6T	Water	68	Hardwire	383x123x221	3380
GQ351V	342	315	46.2 VL12	3	400	Volvo TAD941GE	6T	Water	68	Hardwire	383x123x221	3460
GQ411V	415	380	47.2 S4	3	400	Volvo TAD1241GE	6T	Water	68	Hardwire	425x200x225	4150
GQ460V	450	410	47.2 S4	3	400	Volvo TAD1242GE	6T	Water	68	Hardwire	425x200x225	4250
GQ511V	500	455	47.2 S5	3	400	Volvo TAD1640GE	6T	Water	69	Hardwire	485x200x225	4900
GQ601V	550	500	47.2 M7	3	400	Volvo TAD1641GE	6T	Water	69	Hardwire	485x200x225	5050
GQ651V	600	550	47.2 M8	3	400	Volvo TAD1642GE	6T	Water	69	Hardwire	485x200x225	5100

AMF (automatic mains failure) Control Panel

EM3000

Digital metering for Amp, Volt, Frequency, Hours, Battery volt meter, Fuel level, **Engine protection** for low oil pressure, High water temperature, V Belt fault, DC Battery charge fault, Overload, Over-under speed, Over-under voltage, Low fuel level; 4 pole circuit breaker, Status LEDs.

Mains Interface:-

Battery charger, Mains relay on 3 phases, Automatic genpac starting in case of mains failure.

DST4600

All the features of EM3000 plus; Oil pressure gauge, Water temp. gauge, kW meter, kW counter, Cosfi meter. This control panel can be fitted on the Genpac or in a separate box.



Example of DST4600 AMF Panel

Manual Control Panel

The key start control panel includes: digital metering for Amp, Volt, Frequency, Hours, Battery volt meter, Engine protection for low oil pressure, High water temperature, V Belt fault, DC battery charge fault, Overload, Over-under speed, Over-under voltage, Low fuel level, 4 pole circuit breaker, Emergency stop button, Status LEDs.

ATS (automatic transfer switch) Control Panel

The stand alone ATS Control Panel features heavy duty changeover switches – 4 pole contactors up to 250kVA and 4 pole motorised switches over 400 amps. The ATS panel is also available fitted with either an EM3000 or DST4600 AMF panel.

ATS Control Panel with MCCB and Transfer Switch		
Max Power at 400V – 3 PH		Dimensions cm 3000/4600A
KVA	AMP	
25	40	70 x 50 x 25
43	63	70 x 50 x 25
55	80	70 x 50 x 25
60	100	70 x 50 x 25
86	125	80 x 60 x 25
110	160	100 x 60 x 30
135	200	100 x 60 x 30
150	225	100 x 60 x 30
170	250	100 x 60 x 30
275	400	128 x 80 x 40
410	630	128 x 80 x 40
550	800	188 x 80 x 45
868	1250	190 x 120 x 60
1111	1600	190 x 140 x 60
1380	2000	190 x 160 x 80
2250	3200	190 x 160 x 80



ATS (Complete with DST4600 AMF Panel)

with contactors
 with motorised switch



with contactors
 with motorised switch

4 Poles Transfer Switch		
Max Power at 400V – 3 PH		Dimensions cm
KVA	AMP	
20	30	60 x 40 x 25
27	40	60 x 40 x 25
43	63	60 x 40 x 25
55	80	60 x 40 x 25
69	100	60 x 40 x 25
86	125	70 x 50 x 25
111	160	80 x 60 x 25
138	200	80 x 60 x 25
156	225	80 x 60 x 25
173	250	80 x 60 x 25
277	400	100 x 80 x 30
416	600	100 x 80 x 30
555	800	120 x 120 x 40
868	1250	120 x 120 x 40
1111	1600	120 x 120 x 40

Sandhurst Mfg Co Ltd