



REF. GDS **Rev.00**

MODEL | **GSW70-200 Perkins**

- **PERKINS Diesel engine.**
- **STAMFORD alternator.**
- **Water cooled.**
- **Automatic Controller**
- **Internal residential muffler.**
- **Detachable central lifting point.**
- **Completely sealed drip pan.**
- **Complete with engine and battery liquids.**
- **Manual oil drain pump.**
- **Heavy duty galvanised skids. (optional)**
- **Baseframe can be moved with hand pallet truck.**
- **Standard 8 hour tank (varies by model)**
- **EPA tier compliant.**
- **ATS, trailers, base tanks among other features available optionally.**



MODEL		GSW70P	GSW90P	GSW120P	GSW160P	GSW200P	
TECHNICAL FEATURES	PRIME POWER PRP	kW (kVA)	58 (73)	74 (93)	91 (114)	125 (156)	161 (201)
	EMER POWER LTP	kW (kVA)	64 (80)	82 (103)	100 (125)	142 (177)	178 (223)
	Voltage	Volt	480/277	480/277	480/277	480/277	480/277
	Frequency	Hz	60	60	60	60	60
	Power factor	Cos φ	0.8	0.8	0.8	0.8	0.8
	PRIME POWER PRP	kW (kVA)	56 (70)	74 (92)	90 (113)	124 (155)	160 (200)
	EMER POWER LTP	kW (kVA)	58 (73)	82 (102)	96 (120)	140 (175)	175 (219)
	Voltage	Volt	208/120	208/120	208/120	208/120	208/120
	Frequency	Hz	60	60	60	60	60
	Power factor	Cos φ	0.8	0.8	0.8	0.8	0.8
	PRIME POWER PRP	kW (kVA)	45 (45)	68 (68)	68 (68)	96 (96)	123 (123)
	EMER POWER LTP	kW (kVA)	50 (50)	74 (74)	74 (74)	106 (106)	136 (136)
	Voltage	Volt	240/120	240/120	240/120	240/120	240/120
	Frequency	Hz	60	60	60	60	60
	Power factor	Cos φ	1	1	1	1	1
	Tank capacity	US Gallon	92	92	92	92	92
	Autonomy (III) (75% PRP)	h	25.5	21.3	18.1	12.4	9.7
	Autonomy (III) (100% PRP)	h	19.1	16.0	13.6	9.3	7.3
	Dimensions (LxWxH)	inch	106,7 x 46,5 x 60,4	106,7 x 46,5 x 60,4	106,7 x 46,5 x 66,3	133,9 x 49,2 x 66,1	133,9 x 49,2 x 66,1
	Weight (dry)	lb	3019	3281	3285	4573	4880
	DIESEL ENGINE	PERKINS	1104D-E44TG	1104D-E44TAG1	1104D-E44TAG2	1106D-E66TAG2	1106D-E66TAG4
	Exhaust emissions	Tier	EPA III	EPA III	EPA III	EPA III	EPA III
	Cooling system	Type	Water	Water	Water	Water	Water
	Speed	rpm	1800	1800	1800	1800	1800
Displacement	cu. in.	269.1	269.1	269.1	402.7	402.7	
Cylinders and disposition	n° disp.	4 line	4 line	4 line	6 line	6 line	
Aspiration	Type	Turbo	Turbo-Intercooler	Turbo-Intercooler	Turbo-Intercooler	Turbo-Intercooler	
Engine power PRP	bhp	87	110	134	182	233	
Engine power LTP	bhp	97	122	149	207	259	
Fuel cons (III) (75% load PRP)	gal/h	3.6	4.3	5.1	7.5	9.5	
Fuel cons. (III) (100% load PRP)	gal/h	4.8	5.8	6.8	10.0	12.7	
Specific consumption PRP	lb/hph	0.383	0.363	0.350	0.377	0.376	
Engine governor (standard)	Type	Mechanical	Electronic	Electronic	Electronic	Electronic	
SYNCH. ALTERNATOR	STAMFORD	UCI 224 E	UCI 274 C	UCI 274 C	UCI 274 E	UCI 274 G	
Power at 27°C (480V)	Kwe (kVA)	79 (99)	106 (133)	124 (155)	150 (188)	220 (275)	
Power at 27°C (208V)	Kwe (kVA)	71 (89)	93 (116)	110 (138)	136 (170)	200 (250)	
Power at 27°C (240V)	Kwe (kVA)	45 (56)	54 (68)	63 (79)	77 (96)	114 (143)	
Insulation	Class	H	H	H	H	H	
Mechanical protection	Type	IP23	IP23	IP23	IP23	IP23	
Voltage regulation	Type / Model	Electronic / 1,5%	Electronic / 1,5%	Electronic / 1,5%	Electronic / 1,5%	Electronic / 1,5%	

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