



# PRODUCT SPECIFICATIONS

## MODELS | GSW70-200P ENCLOSED


- ▶ Perkins DIESEL Engine.
- ▶ Meccalte Alternator.
- ▶ Water Cooled
- ▶ Standard Muffler on enclosed models.
- ▶ Complete with engine fluids.
- ▶ Heavy duty galvaneal/powder coated enclosures.
- ▶ Standard battery and battery charger.
- ▶ Standard Main Circuit Breaker.
- ▶ Steel generator base.



MODEL		GSW70P	GSW90P	GSW120P	GSW160P	GSW200P	
480V (3 ph)	<b>PRIME POWER PRP</b>	<b>kW / kVA</b> 61.0 / 76.2	<b>76.9 / 96.1</b>	<b>93.8 / 117.3</b>	<b>127.6 / 159.5</b>	<b>162.2 / 202.8</b>	
	<b>EMER POWER LTP</b>	<b>kW / kVA</b> 67.1 / 83.9	<b>85.2 / 106.5</b>	<b>104.1 / 130.1</b>	<b>143.5 / 179.3</b>	<b>179.6 / 224.5</b>	
	Voltage	480/277					
	Frequency	60					
	Power factor	Cos φ 0.8					
	Amps LTP	Amps 100.9					
	240V (3ph)	<b>PRIME POWER PRP</b>	<b>kW / kVA</b> 60.6 / 75.7	<b>76.3 / 95.4</b>	<b>93.1 / 116.4</b>	<b>126.6 / 158.3</b>	<b>161.0 / 201.3</b>
		<b>EMER POWER LTP</b>	<b>kW / kVA</b> 66.7 / 83.4	<b>84.5 / 105.7</b>	<b>102.4 / 128.0</b>	<b>142.4 / 178.0</b>	<b>178.3 / 222.8</b>
		Voltage	240/120				
		Frequency	60				
Power factor		Cos φ 0.8					
Amps LTP		Amps 200.6					
208V (3ph)		<b>PRIME POWER PRP</b>	<b>kW / kVA</b> 60.6 / 75.7	<b>76.3 / 95.4</b>	<b>93.1 / 116.4</b>	<b>126.6 / 158.3</b>	<b>161.0 / 201.3</b>
		<b>EMER POWER LTP</b>	<b>kW / kVA</b> 66.7 / 83.4	<b>84.5 / 105.7</b>	<b>102.4 / 128.0</b>	<b>142.4 / 178.0</b>	<b>178.3 / 222.8</b>
		Voltage	208/120				
		Frequency	60				
	Power factor	Cos φ 0.8					
	Amps LTP	Amps 231.4					
	240V (1 ph)	<b>PRIME POWER PRP</b>	<b>kW / kVA</b> 49.0 / 49.0	<b>67.0 / 67.0</b>	<b>67.0 / 67.0</b>	<b>84.0 / 84.0</b>	<b>84.0 / 84.0</b>
		<b>EMER POWER LTP</b>	<b>kW / kVA</b> 52.0 / 52.0	<b>70.0 / 70.0</b>	<b>70.0 / 70.0</b>	<b>86.0 / 86.0</b>	<b>86.0 / 86.0</b>
		Voltage	240/120				
		Frequency	60				
Power factor		Cos φ 1					
Amps LTP		Amps 216.7					
Tank capacity		US Gallon	55	55	55	90	90
Autonomy (III) (75% PRP)		hrs	15.2	12.7	10.9	12.8	8.5
Autonomy (III) (100% PRP)		hrs	11.4	9.6	8.2	9.6	6.4
Dimensions (LxWxH)		inch	94.5 x 39.4 x 60.9	94.5 x 39.4 x 60.9	94.5 x 39.4 x 60.9	133.9 x 49.2 x 69.6	133.9 x 49.2 x 69.6
Weight (dry)	lb	2628	2628	3042	4784	5079	
Sound Level	dB(A)	69	70	71	72	72	
TECHNICAL SPECIFICATIONS	<b>ENGINE</b>	<b>Brand</b>	<b>Perkins</b>	<b>Perkins</b>	<b>Perkins</b>	<b>Perkins</b>	
		<b>Model</b>	<b>1104D-E44TG1</b>	<b>1104D-E44TAG1</b>	<b>1104D-E44TAG2</b>	<b>1106D-E66TAG2</b>	<b>1106D-E66TAG4</b>
	Exhaust emissions compliance	EPA	Tier III	Tier III	Tier III	Tier III	Tier III
	Cooling system	Type	Water	Water	Water	Water	Water
	Speed	rpm	1800	1800	1800	1800	1800
	Displacement	cu. in.	269	269	269	403	403
	Cylinders and disposition	n° disp.	4 in line	4 in line	4 in line	6 in line	6 in line
	Aspiration	Type	Turbo	Turbo, A-A	Turbo, A-A	Turbo, A-A	Turbo, A-A
	Engine power PRP	bhp	87.4	110.0	134.1	183.2	232.9
	Engine power LTP	bhp	96.3	121.8	148.9	206.0	257.9
Fuel cons. (III) (100% load PRP)	gal/h	4.8	5.8	6.8	9.4	12.7	
Fuel		DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	
Engine governor (standard)	Type	Electronic	Electronic	Electronic	Electronic	Electronic	
<b>ALTERNATOR</b>	<b>Brand</b>	<b>Meccalte</b>	<b>Meccalte</b>	<b>Meccalte</b>	<b>Meccalte</b>	<b>Meccalte</b>	
Model (480V)		ECO32-3L	ECP34-2S	ECP34-2S	ECO38-1S	ECO38-1S	
Model (208V / 240V)		ECO32-3L	ECP34-2S	ECP34-2S	ECO38-1S	ECO38-1S	
Model (1-phase 240V)		ECO32-3L	ECP34-2S	ECP34-2S	ECO38-1S	ECO38-1S	
Insulation	Class	H	H	H	H	H	
Mechanical protection	IP Level	23	23	23	23	23	
Voltage regulation	Type / Model	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	

Product specifications are for standard product and not inclusive of any options or modifications. Pramac reserves the right to correct errors.


MODELS | **GSW70-200P ENCLOSED**

MODEL		GSW70P	GSW90P	GSW120P	GSW160P	GSW200P
<b>CONTROLS SPECIFICATION</b>	<b>Controller Model</b>	<b>AC03</b>				
		<b>Alarms:</b> <ul style="list-style-type: none"> <li>• Low Oil Pressure</li> <li>• High Eng. Temperature</li> <li>• Start Fail</li> <li>• Low Water Level</li> <li>• Low Fuel</li> <li>• +/- Batt Volts</li> <li>• E-Stop</li> <li>• Free Alarm</li> </ul>		<b>Shutdowns:</b> <ul style="list-style-type: none"> <li>• Low Fuel</li> <li>• Low Oil Pressure</li> <li>• High Eng. Temperature</li> <li>• +/- Voltage</li> <li>• Overload</li> <li>• +/- Frequency</li> <li>• E-Stop</li> <li>• Batt Ch. Fail.</li> </ul>		<b>Displays:</b> <p>Digital:</p> <ul style="list-style-type: none"> <li>• Voltage</li> <li>• Frequency</li> <li>• Current (Amps)</li> <li>• Battery Voltage</li> <li>• Batt Charging Voltage</li> <li>• Run Hours</li> <li>• Mains Voltage</li> <li>• Fuel Level</li> <li>• Oil Pressure (Optional)</li> <li>• Engine Temperature</li> </ul>
	<b>Power Outputs:</b>	Direct Connection				
<b>Other Features:</b>	Integrated battery Charger   Remote Control Capable (2-wire start)   Acoustic Alarm					

**TYPICAL OPTIONS AVAILABLE**

- Automatic Transfer Switch
- Base Fuel Tanks
- Block Heaters
- Road Trailers
- PMG Alternator
- Fuel Transfer Pumps
- Different Colors
- Remote Monitoring/Controls
- Parallel Systems
- 50Hz Models

*Distributed by*


 Pramac America, LLC  
 1300 Gresham Road  
 Marietta, GA 30062  
 770-218-5430 fax 770-218-2810  
 www.pramac.com usa@pramac.com

THIS DOCUMENT IS PROPERTY OF PRAMAC AMERICA - ALL RIGHTS RESERVED

Rev. 1304