



# PRODUCT SPECIFICATIONS

## MODELS | GSW355M-510M ENCLOSED


- ▶ MTU 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		GSW355M	GSW390M	GSW465M	GSW510M	
TECHNICAL SPECIFICATIONS	480V (3 ph)	PRIME POWER PRP	kW / kVA 255.4 / 319.3	281.9 / 352.4	342.2 / 427.8	369.7 / 462.2
		EMER POWER LTP	kW / kVA 281.9 / 352.4	311.2 / 389.0	377.3 / 471.6	407.6 / 509.6
		Voltage	480/277		480/277	480/277
		Frequency	60		60	60
		Power factor	Cos φ 0.8		0.8	0.8
		Amps LTP	Amps 423.9		567.3	612.9
	240V (3ph)	PRIME POWER PRP	kW / kVA 254.1 / 317.6	279.2 / 349.0	340.4 / 425.5	352.8 / 441.0
		EMER POWER LTP	kW / kVA 280.4 / 350.5	308.3 / 385.3	367.2 / 459.0	367.2 / 459.0
		Voltage	240/120		240/120	240/120
		Frequency	60		60	60
	Power factor	Cos φ 0.8		0.8	0.8	
	Amps LTP	Amps 843.3		1104.2	1104.2	
208V (3ph)	PRIME POWER PRP	kW / kVA 254.1 / 317.6	279.2 / 349.0	340.4 / 425.5	352.8 / 441.0	
	EMER POWER LTP	kW / kVA 280.4 / 350.5	308.3 / 385.3	367.2 / 459.0	367.2 / 459.0	
	Voltage	208/120		208/120	208/120	
	Frequency	60		60	60	
	Power factor	Cos φ 0.8		0.8	0.8	
	Amps LTP	Amps 973.0		1274.1	1274.1	
240V (1 ph)	PRIME POWER PRP	kW / kVA -	-	-	-	
	EMER POWER LTP	kW / kVA -	-	-	-	
	Voltage	N/A		N/A	N/A	
	Frequency	N/A		N/A	N/A	
	Power factor	Cos φ -		-	-	
	Amps LTP	Amps -		-	-	
	Tank capacity	US Gallon 168	168	168	168	
	Autonomy (III) (75% PRP)	hrs 12.2	11.5	9.3	8.9	
	Autonomy (III) (100% PRP)	hrs 9.1	8.6	6.9	6.6	
	Dimensions (LxWxH)	inch 155.5 x 57.5 x 85.6	155.5 x 57.5 x 85.6	164.6 x 70.9 x 85.0	185.0 x 65.7 x 95.7	
	Weight (dry)	lb 8245	8245	10273	12346	
	Sound Level	dB(A) -25	-25	78	78	
	<b>ENGINE</b>	<b>Brand</b>	<b>MTU</b>	<b>MTU</b>	<b>MTU</b>	
		<b>Model</b>	<b>6R1600G70S</b>	<b>6R1600G80S</b>	<b>8V1600G70S</b>	
	Exhaust emissions compliance	EPA	Tier III	Tier III	Tier III	
	Cooling system	Type	Water	Water	Water	
	Speed	rpm	1800	1800	1800	
	Displacement	cu. in.	641	641	854	
	Cylinders and disposition	n° disp.	6 in line	6 in line	V-8	
	Aspiration	Type	Turbo intercool	Turbo intercool	Turbo intercool	
	Engine power PRP	bhp	362.1	399.6	484.1	
	Engine power LTP	bhp	399.6	441.2	533.7	
	Fuel cons. (III) (100% load PRP)	gal/h	18.4	19.5	24.2	
	Fuel		DIESEL	DIESEL	DIESEL	
	Engine governor (standard)	Type	Electronic	Electronic	Electronic	
	<b>ALTERNATOR</b>	<b>Brand</b>	<b>Meccalte</b>	<b>Meccalte</b>	<b>Meccalte</b>	
	Model (480V)		ECO38 2LN/4	ECO38 2LN/4	ECO40 1S/4	
	Model (208V / 240V)		ECO38 2LN/4	ECO38 3LN/4	ECO40 1S/4	
	Model (1-phase 240V)		-	-	-	
	Insulation	Class	H	H	H	
	Mechanical protection	IP Level	21	21	21	
	Voltage regulation	Type / Model	Electronic / 1%	Electronic / 1%	Electronic / 1%	

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


MODELS | **GSW355M-510M ENCLOSED**

MODEL		GSW355M	GSW390M	GSW465M	GSW510M
<b>CONTROLS SPECIFICATION</b>	<b>Controller Model</b>	<b>AC03</b>			
		<b>Alarms:</b> <ul style="list-style-type: none"> <li>• Low Oil Presssure</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 Presssure</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

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