



# MAXI-POWER™

## 15XR MOBILE GENERATOR

<b>Model</b>	<b>CAT C1.5T</b>
<b>Control Detail</b>	
<b>Engine-Generator Control Interface</b>	Deep Sea 4520
<b>Control Display Outputs (Hour meter, etc.)</b>	Hourmeter Fuel Level RPM Genset Frequency Genset Voltage
<b>Engine Detail</b>	
<b>Engine Make</b>	Caterpillar
<b>Engine Model</b>	C1.5T
<b>Engine Induction</b>	Turbocharged
<b>Engine Displacement</b>	1.5 L
<b>Number of Cylinders</b>	3
<b>Type of After-Treatment</b>	None
<b>Mechanical Output (Prime) at Rated Speed*</b>	22.3 hp (16.6 kWm) @ 1,800 RPM
<b>Engine Speed @ MAX Load</b>	1,800
<b>Engine Speed @ No Load</b>	1,800
<b>Acceptable Fuel Types (Engine Only)</b>	ULSD-US/Canada
<b>Fuel Consumption @ Full Load</b>	1.22 GPH
<b>Fuel Run Time @ Full Load</b>	82.0 hr
<b>Engine Oil Capacity</b>	1.75 gal
<b>Oil Change Interval</b>	500 hr
<b>Engine Cooling System Capacity</b>	1.61 gal
<b>Maximum ambient operating temperature at full output</b>	118 °F (48 °C)
<b>Electrical System Voltage</b>	12 VDC
<b>Battery Size</b>	Group 24
<b>Battery</b>	Lead Acid
<b>Alternator Detail</b>	
<b>Output Phase and Voltage</b>	Dedicated 1-Phase 120/240 VAC
<b>Power Output Rating (Prime Power)</b>	15 kW (15 kVA)
<b>Armature Connection</b>	4 Lead, Series Connected, Frame Grounded Neutral
<b>Number of Poles</b>	4 Pole
<b>Insulation</b>	NEMA MG1 Class "H"
<b>Excitation</b>	AVR
<b>Voltage Regulation %</b>	0.01
<b>NVH - Noise, Vibration, Harshness</b>	
<b>Sound Level @ 23 ft (NO LOAD)</b>	61.9 dBA
<b>Sound Level @ 23 ft (75% FULL LOAD)</b>	64.8 dBA
<b>Sound Level @ 23 ft (FULL LOAD)</b>	66.0 dBA

\* All power levels are stated gross horsepower as rated by the engine manufacturer.

Model	CAT C1.5T
<b>Weights and Dimensions</b>	
Net Dry Weight	2417 lb
Operating Wet Weight NO fuel	2444 lb
Operating Wet Weight fuel FULL	3160 lb
Gross Vehicle Weight Ratings - GVWR	5,000 lb
Length - Transport Position	126 in
Width	77 in
Track Width	67.5 in
Height	73.3 in
Truck Load Shipping Quantities - 48' flatbed	7 units
Truck Load Shipping Quantities - 53' flatbed	7 units
Container Load Shipping Quantities - 40'	6 units
<b>Trailer Detail</b>	
Standard Trailer Coupler	Adjustable height combination 2" ball coupler, 3" lunette ring for pintle hitch
Optional Trailer Couplers	Adjustable height combination 2" Bulldog coupler with 3" lunette ring for pintle hitch Adjustable height combination 2 5/16" Bulldog coupler with 3" lunette ring for pintle hitch
Electrical Connector	7 Pin Connector
Leveling Jack Load Capacity	Tongue Jack-2,000 lbs
Tire Size	ST225/75R15 Load Range 'D'
Axle Type	Tubular
Axle Quantity	1 Axle
Trailer Brake Type	Electric with Breakaway Brakes (STD)
<b>Body Detail</b>	
Fluid Containment	Standard-Intergral with chassis
Fuel Tank Size	100 gal
Fuel Tank Material & Construction	Rotationally Molded Polyethylene
Fuel fill port size	2.72 in diameter
Enclosure (Material & Gauge)	Steel - 12 ga doors and stringer, 14 ga quarter panels and front panels, 7 ga rear panel
Door Hinge Material	Steel hinge and hinge pin
Fork Pockets / Lifting Eyes	2 lateral fork pockets Lifting eye at top of stringer
<b>Compliance &amp; Certifications</b>	
Fluid Containment	110%
USA DOT Compliant	Conforms to the Code of Federal Regulations 49 CFR Transportation Subtitle B. Chapter V. National Highway Traffic Safety Administration, Department of Transportation - Parts 565, 566, 567 and 571.
CSA Listed	Certificate Of Compliance No. 1088975 available with certain options
Transport Canada Compliant	Conforms to Canadian Motor Vehicle Safety Standards
EPA Tier Level - Engine	Tier 4 Final
<b>Limited Warranty Coverage</b>	
Engine	2 years or 2,000 hrs whichever comes first
Alternator	"18 months from Invoice to Allmand, or 12 months or 1,000 hrs whichever comes first from date of end user installation"



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