



Advanced Technology. Simple Solutions.

VPS1200A-T4 STUDIO GENERATOR

Hybrid Compatible

Engine

Cummins B6.7-G17 G-Drive

Tier 4, Stage 5 Final Emissions Compliance

19.6 L Lube Oil Capacity

500 Hrs / 6 Month Oil Change Interval

12 VDC Engine Alternator

Fuel Consumption

- 144 kW – 36 L/hr
- 108 kW – 28 L/hr
- 72 kW – 19 L/hr
- 36 kW – 12 L/hr

Mechanical

Dimensions	48"W x 100"L x 97"H
Weight	6470 lb
Unit on trailer weight	9290 lb
Wet weight	10,370 lb
Transportation	Truck or Valid Trailer

Engine Accessories

12 VDC System

Translucent DEF Tank: 49.2 L

Fuel Pre-Filter

Remote Mount Engine Oil Filter

Air Intake Filter

Outputs

144kW Prime Power Rating @ 48 deg C / 1000m Altitude (Nom. 1200 Amps @ 120VAC)

- Circuit #5 - 400A, 208VAC 3Ø, 2 sets of Cam Lock Connection (3-Pole + N + G)
- Circuit #6 - 200A, 208VAC 3Ø, 2 sets of Cam Lock Connection (3-Pole + N + G)
- Circuit #1 - 60A, 120VAC 1Ø, Joy Receptacle
- Circuit #2 - 60A, 120VAC 1Ø, Joy Receptacle
- Circuit #3 - 20A, 120VAC 1Ø, Edison Receptacle
- Circuit #4 - 20A, 120VAC 1Ø, Edison Receptacle



*Design and features subject to change



Advanced Technology. Simple Solutions.

VPS1200A-T4 STUDIO GENERATOR (CONT.)

Alternator

Marathon Magna-Plus #431PSL6204

Continuous Power Rating: 175 kW @ 0.8 PF (125 kVA)

Digital Voltage Regulator: DVR2500, PMG

Voltage Adjustment: 0 to +10% Adjustment Range -
Panel Mount Rotary Potentiometer

Cooling

Mechanically Driven, Electronically Controlled Variable Speed Fan

Oversized Coolant and Charge Air Radiators



Remote Monitoring

Remote, Web-Based Monitoring of:

- GPS Location (Integrated Into Street View Map)
- Engine Parameters
 - Total Run Time & Time to Next Service
 - Engine Battery Voltage
 - Oil Pressure
 - Coolant Temperature
 - Fuel Consumption
 - Engine Speed
- Generator Parameters
 - Total Current Power Output
 - Voltage and Current Draw
 - Peak Power Output
 - Average Power Output
- Historical Records & Event Logs

50 Watt Solar Charger / Battery Maintainer

Cell Modem (User to Supply SIM Card)

Alarms

Engine / Generator Controller

Deep Sea DSE7410 MKII Controller

Generator Monitoring, Protection and Alarms

J1939-75 CAN Bus Tier 4 Engine Control and Monitoring

Engine Idle/Rated Speed Select

Manual and Auto Modes (2 Wire & Modbus Interface Connections)

***Design and features are subject to change**