VPS800A-T4 STUDIO GENERATOR
Hybrid Compatible

Engine

Cummins QSB5-G11	
Tier 4 Final Emissions Compliance	
11 L Lube Oil Capacity	
500 Hrs / 6 Month Oil Change Interval	
24 VDC Engine Alternator	

Fuel Consumption

- 100 kW – 24 L/hr
- 75 kW – 17 L/hr
- 50 kW – 12 L/hr
- 25 kW – 7 L/hr

Mechanical

Dimensions	48"W x 102"L x 87.4"H
Unit weight	5000 lb
Unit on trailer weight	7820 lb
Wet weight	8900 lb
Transportation	Truck or Valid Trailer

Outputs

100kW Prime Power Rating @ 48 deg C / 1000m Altitude (Nom. 833 Amps @ 120VAC)

- Circuit #1 - 280A, 208VAC 3Ø, 4 sets of Cam Lock Connection (3-Pole + N + G)
- Circuit #2 - 60A, 120VAC 1Ø, Joy or Bates Receptacle
- Circuit #3 - 60A, 120VAC 1Ø, Joy or Bates Receptacle
- Circuit #4 - 20A, 120VAC 1Ø, Edison Receptacle
- Circuit #5 - 20A, 120VAC 1Ø, Edison Receptacle

Engine Accessories

24 VDC System
Translucent DEF Tank: 33.5 L
Fuel Pre-Filter
Remote Mount Engine Oil Filter
Air Intake Filter

*Design and features subject to change

VPS800A-T4 STUDIO GENERATOR (CONT.)

Alternator

MARATHON MARINER #362PSL3126

Continuous Power Rating: 100kW @ 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

30 Watt Solar Charger / Battery Maintainer

Cell Modem (User to Supply SIM Card)

Alarms

Engine / Generator Controller

Deep Sea 8610 MKII Controller

Generator Monitoring, Protection and Alarms

J1939 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**