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# VPS1400A-T4 STUDIO GENERATOR

## Hybrid Compatible

### Engine

Cummins B6.7-G18 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

- 168 kW – 44 L/hr
- 126 kW – 36 L/hr
- 84 kW – 25 L/hr
- 42 kW – 13 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

### Outputs

**168kW Prime Power Rating @ 48 deg C / 1000m Altitude (Nom. 1400 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

### Engine Accessories

12 VDC System

Translucent DEF Tank: 49.2 L

Fuel Pre-Filter

Remote Mount Engine Oil Filter

Air Intake Filter



\*Design and features subject to change



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## Alternator

Marathon Magna-Plus #431PSL6204

CContinuous 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**