

POWER INVERTER SYSTEM, DC TO AC, (QP-1800)



TAMCN: H0004

ID: 11460A

NSN: 6130-01-552-6350

Functional Description

The Quiet Power DC to AC Inverter System (QP-1800) is comprised of one QP-1800 Inverter, one NATO Slave Input Cable, and one Transport Case. This semi-ruggedized system converts 24 VDC to 115 VAC (pure sine wave) enabling operation of 115 VAC powered devices from vehicle 24 VDC power.

Technical Description

Inverter

Manufacturer: Iris Technology
Model: 287A120

Power

Input: 20-32 VDC

Output:

Continuous Power: 1800W
Surge Power: 2900W

Frequency (Hz): 60

Warranty

2 Year

Dimensions

Length (in): 22.1
Width (in): 17.9
Height (in): 10.4
Weight (lbs): 54.5
Volume (ft³): 2.3

Temperatures

Operating: -4°F to + 140°F
-20°C to + 60°C
Storage: -22°F to +158°F
-30°C to + 70°C

Specifications

Dual 15 AMP AC receptacles with GFCI.
Each receptacle provides 115VAC (Pure Sine Wave) 60Hz.

NOTES: MI 11460A-OI/1 provides instructions for mounting the QP-1800 in the HMMWVA2 M1123 Troop/Cargo Variant, Heavy HMMWV M1097A2, HMMWV M1152 Expanded Capability vehicle (ECV) and the HMMWV M1165 ECV.