

QP-1800 POWER INVERTER SYSTEM

- DC to AC Power Inversion
- Well suited for vehicle applications



MOBILE DC/AC INVERTER SYSTEM FOR RELIABLE POWER ON THE GO

The QP-1800 System Complete includes the rugged Power Inverter, heavy-duty NATO Slave cable, vehicle installation kit, manuals, and spare fuse, all delivered in our ultra-compact transportation case for weatherproof transportation and storage.

The QP-1800 inverter has found wide use throughout the DoD, providing reliable AC power in all conditions. The System Complete Kit is a comprehensive solution for vehicle mounted or mobile power applications.



PHYSICAL AND ELECTRICAL PROPERTIES

PARAMETER	CHARACTERISTIC
Qualifications	DoD / Approved for Vehicles
System Cables	#00 AWG Flexible w/ NATO SLAVE Plug
Power (Cont / Surge)	1800 W / 2900 W
Peak Efficiency	90%
No Load Current Draw	< 0.92 A
Output Frequency	60 Hz ±0.05%
Output Waveform	True Sine Wave (< 3% THD)
Input Voltage Range	20–32 VDC
Output Voltage	120 VAC RMS +4 / -10%
Output AC Connection	Dual Receptacle w/ GFCI
Weight of Inverter	16.5 lbs (7500 g)
Total Kit Weight	54.5 lbs (24800 g)
Size of Inverter	15.4 x 11.0 x 4.5 in ³ (390 x 280 x 120 mm ³)
Size of Case	22.1 x 17.9 x 10.4 in ³ (560 x 455 x 265 mm ³)
Buoyancy	Floats in Salt Water
Operating Temperature	-4° to +140°F (-20° to +60°C)
Storage Temperature	-22° to +158°F (-30° to +70°C)
Warranty	24 Months
NSN (Inverter Only)	6130-01-496-6448
System Complete Kit NSN	6130-01-552-6350
Vehicle Kit NSN	6130-01-496-6456

IRIS TECHNOLOGY

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