



SUMMARY

The “Smart” Battery Charger recharges, maintains a float charge, and performs periodic load testing on a compliment of Batteries. The charger senses when the batteries require charging and adjusts the output to the charge mode voltage. When batteries are fully charged, the output is automatically reduced to the float voltage level.

The supply also provides a DC voltage bus to power DC to DC converters and DC to AC inverters without the battery load connected. The unit operates under adverse environmental conditions including Sand/Dust and Salt Fog exposure.

FEATURES

- ▶ Input per MIL-E-4158 (96-264Vac, 1 Phase, 47-63Hz)
- ▶ Emergency Operation in Parallel with Alternator
- ▶ Output 25-28.5Vdc at 0 to 150A
(Output Adjustment Control +/-1.5V from Nominal)
- ▶ External Battery Monitor
- ▶ Status and Fault Indicators
- ▶ Weight: 54 lbs
- ▶ Dimensions: Height 3U / Depth 15” (381mm)
- ▶ Operating Temp: -40°C to +50°C
- ▶ Operates Under Sand/Dust and Salt Fog Exposure
- ▶ Modular “Wind-Tunnel” Design