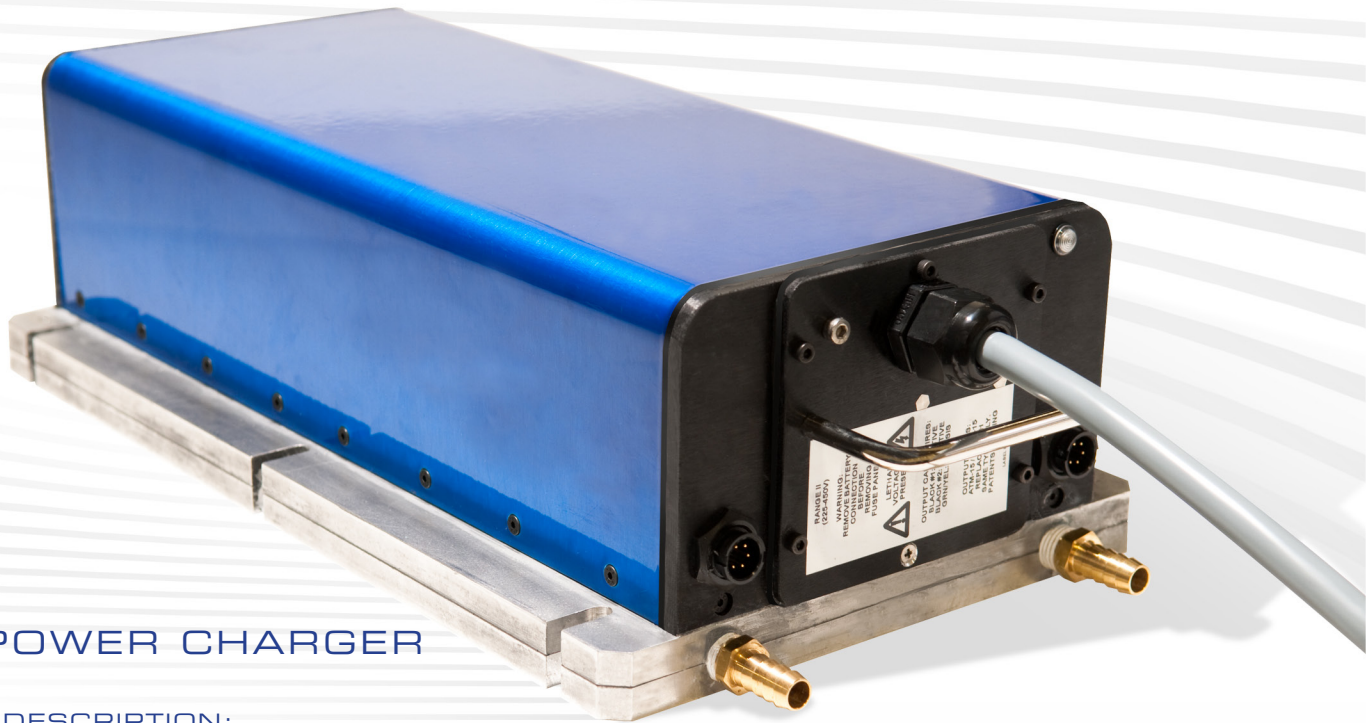


# FLUX POWER



## FLUX POWER CHARGER

### PRODUCT DESCRIPTION:

The Flux Power 12 - 450v charger is a ruggedized and environmentally protected AC-DC charger that can be adapted to many applications.

### GENERAL SPECIFICATIONS:

- Constant Power Output Charger with constant voltage, constant current and constant power modes
- Configurable Dual Range Output Modules available, 125 - 225VDC or 225 - 450VDC
- Fully isolated output
- Current controlled universal power factor corrected (PFC) input
- Microprocessor controlled with dual CAN bus interface
- Built in clock for programmable charging times
- Programmable charging profiles for multiple battery chemistries
- Multiple units can be paralleled for higher output levels 6kW, 9kW, 12kW and up
- Two chargers can be stacked in series for higher voltage and charging power
- Air cooled with thermostatically controlled fan. Water cooled versions also available
- LED indicator for charging status
- Modular Construction
- Multiple Mounting options

### INPUT SPECIFICATIONS:

- VOLTAGE Universal AC Input (90□264 VAC)
- FREQUENCY 47 - 63Hz
- INRUSH CURRENT < 40A @ 230 VAC, 60 Hz, Full Load
- CURRENT 12A / 16A Depending on line voltage
- PROTECTION Fuse 20A
- LEAKAGE < 3mA @ 230 VAC, 60 Hz
- HOLD-UP 20 ms > 85 VAC
- EFFICIENCY 85 - 90% typical depending on line voltage
- HARMONICS EN61000 3 - 2

### OUTPUT SPECIFICATIONS

- OUTPUT POWER 1200W (120VAC 15A service) 3000W (240VAC 30A service)
- ADJUSTABLE RANGE 10 - 450 VDC (reduced power below 125 VDC)
- TEMP REGULATION 0.00017° C / W @ 60° C Ambient Air
- RIPPLE < 1% below 20 MHz
- SETPOINT ACCURACY - 2% overall
- OVER CURRENT 105% Self Limiting
- OVER VOLTAGE 110% Self Limiting