

PERPETUAL POWER

SERVICES PRIVATE LIMITED



Float Cum Boost Charger

5Amp to 100Amp

- Compact
  - Effective
  - Modular Type Easy to Upgrade
  - Analog Controller
  - Assured Quality
  - Capable to Charge Any Battery Bank
- Wide Input Voltage Range
  - Potential Free Contacts for Remote Fault Annunciation
  - Input High Voltage Disconnect (HVD) & Battery Low Voltage Disconnect (LVD)

The Matrix FCBC with Green technology Power range gives the highest efficiency performance on the market up to 93% over a wide range of uses



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TECHNICAL SPECIFICATION	
Rating	10 Amp to 400 Amp
INPUT	
Voltage	220V AC (140V AC to 280V AC)
Input Isolation	AC Input MCB
Frequency	50 / 60 Hz
Frequency tolerances	± 10%
Power factor	≥ .99
OUTPUT	
Voltage	24V / 48V DC
Regulation	± 0.5V
Voltage Adj. Range	21V to 27V / 40V to 56V
Ripple	<200mV
Efficiency	Up to 93%
GENERAL	
Storage Temperature	-10° C to 70° C
Operating Temperature	0° C to 55° C
Humidity	< 99% RH
Cooling	Forced Air
Audible Noise	< 50 dBA
Technology	SMPS
Control	Micro Controller
Communication	RS 232



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