

PPPSL-Float cum Boost Charger



Float Cum Boost Charger

Available Range: 5 Amp to 100 Amp

Key Features:

- Compact Design
- Highly Effective Performance
- Modular Type – Easy to Upgrade
- Analog Controller
- Assured Quality and Reliability
- Capable of Charging Any Battery Bank
- Wide Input Voltage Range
- Potential-Free Contacts for Remote Fault Annunciation
- Input High Voltage Disconnect (HVD)
- Battery Low Voltage Disconnect (LVD)

PERPETUAL POWER SERVICES PRIVATE LIMITED

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Float cum Boost Charger

Technical Specifications

Rating: 10 Amp to 100 Amp

INPUT

- **Voltage:** 220V AC (Range: 140V AC to 280V AC)
- **Input Isolation:** AC Input MCB
- **Frequency:** 50 / 60 Hz
- **Frequency Tolerances:** ±10%
- **Power Factor:** ≥ 0.99

OUTPUT

- **Voltage:** 24V / 48VDC / 110VDC / 220VDC
- **Regulation:** ± 0.5V
- **Voltage Adjustment Range:** 21V to 27V / 40V to 56V
- **Ripple:** < 200 mV
- **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:** Microcontroller Based
- **Communication:** RS-232

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