

# 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:**  $\pm 10\%$
- **Power Factor:**  $\geq 0.99$

#### OUTPUT

- **Voltage:** 24V / 48V DC
- **Regulation:**  $\pm 0.5V$
- **Voltage Adjustment Range:** 21V to 27V / 40V to 56V
- **Ripple:**  $< 200 \text{ mV}$
- **Efficiency:** Up to 93%

#### GENERAL

- **Storage Temperature:**  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- **Operating Temperature:**  $0^{\circ}\text{C}$  to  $55^{\circ}\text{C}$
- **Humidity:**  $< 99\% \text{ RH}$
- **Cooling:** Forced Air
- **Audible Noise:**  $< 50 \text{ dBA}$
- **Technology:** SMPS
- **Control:** Microcontroller Based
- **Communication:** RS-232

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