

## Salient Features Of Float Cum Boost Charger

### Input 1 Phase Or 3 Phase

- Output Voltage As Per Requirement.
- Output Load Current As Per requirement.
- Battery Configuration As Per Requirement.
- Input Galvanic Isolation Transformer Built-In.
- Actual Product Image and Size Differs As Per Rating.
- Control Based On 3Phase Full Bridge.
- Rectifier With Soft Start Circuit.
- LED Annunciation 8 Channel Built-In.

### TECHNICAL SPECIFICATIONS

- Input Configuration : Single / Three Phase 3 Wire + Neutral + Earth.
- Input Voltage : Single Phase 230V / Three Phase 400V (Wide Range).
- Input Frequency : 50 Hz (+3% - 3%) (53 - 47 Hz).
- Input Neutral Current : Zero For Three Phase Input.
- Input Converter : Full Bridge Full Controlled.
- Input Cutt Off Automatic : For Input Over - Under Voltage & Phase Fail - Reverse Condition.
- Input Surge Protection : Built In.
- Input Power Walk In : 100% Within 15 To 20 Sec. With Soft Start.
- Input Rectifier Efficiency : Better Than 90%.

#### ANNUNCIATION.

- Input On LED
- DC On LED
- CV Mode LED
- CC Mode LED
- Rectifier Trip LED
- Input UV LED
- Input OV LED
- Dc OV LED

#### PROTECTIONS

- Input MCB / MCCB : Built In
- Input Single Phasing : Electronic. 3 Phase
- Input Phase Reverse : Electronic. 3 Phase
- Input Under Voltage : Electronic.
- Input Over Voltage : Electronic.
- Input Over Current : Electronic + MCCB
- DC Over Voltage : Electronic.

#### ● BATTERY & OUTPUT

- Battery Voltage : As per Requirement 24V To 480V DC
- Battery Float Voltage : Settable As Per Battery Specifications.
- Battery Boost Voltage : Settable As Per Battery Specifications.
- Battery Charging Current : Settable As Per Battery Rating.
- Output DC Voltage : As Per Battery Selection.
- Output Load Current : As Per Requirement 10A To 100A.
- Output DC Ripple : Less Than 3%.
- Output Current Limit : Built-In (In Mains On Mode).

## PROTECTIONS

- Battery Input Fuse : Semiconductor.
- Battery Input : MCB / MCCB.
- Battery Charging Current : Current Limit. Electronic.
- Battery Low : Built-In. Electronic.
- Output : MCB / MCCB.
- Output Current : Current Limit. Electronic.
- Output Current : Semiconductor Fuse.

## • METER

- Input Voltmeter. : With Selector switch. 3 Phase
- Battery Charging Meter : Built-In
- Battery Discharg Meter : Built-In
- Output Voltmeter : Built-In
- Output Current Meter : Built-In

## • DIMENTIONS

- : Variable As Per Requirement.