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Since 1992

## Salient Features Of Float Cum Boost Voltage

**Input = 1 Phase / 3 Phase**

- Output Voltage As Per Requirement.
- Output Load Current As Per requirement.
- Battery Configuration As Per Requirement.
- Input Galvanic Isolation Transformer Built-In.
- Input Neutral Current - Zero. For 3Phase.
- **Actual Product Image and Size Differs As per KVA Rating.**
- Control Based On 1Ph / 3Ph Full Bridge.
- Rectifier With Soft Start Circuit Built-In.
- LED Annunciation 8 Channel Built-In.
- Input 12 Pulse Transformer \*\*
- \*\* Optional Feature

### 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 + MCB / MCCB
- DC Over Voltage : Electronic.

### BATTERY & OUTPUT

- Battery Voltage : As per Requirement.
- 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 Rating.
- Output Load Current : As Per Requirement 10A To 100AV DC.

## 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 1/3 Phase
- Battery Discharg Meter : Built-In 1/3 Phase
- Output Voltmeter : Built-In 1/3 Phase
- Output Current Meter : Built-In 1/3 Phase

## DIMENTIONS

- : As Per Requirement.