

Electrical:

- Mains Input :
 - a. 110VAC (+15% &-30%) 50 Hz \pm 10%
 - b. 230VAC (+15% &-30%) 50 Hz \pm 10%
 - c. 90-280VAC, 50 Hz \pm 10%
- Output Voltage:
 - a. 24 V DC
 - b. 30 V DC
 - c. 48 V DC
 - d. 110 V DC
 - e. 220V DC
- Load:
 - Continues Load: 100VA max.
 - Impulse Load: 450VA max for 240 mili seconds
- Backup:
 - Continues Load: 10 minutes.
 - Impulse Load: Total 10 Trip attempts with one minute's intervals
- Burden on PT: Less than 70VA during charging at no load
- Battery : Internal SMF Battery 12 V 7 AH (Make: Quanta /Exide)
- HV Test: 2 KV AC for 1 Minute

Mechanical:

- Overall Dimensions: 280 (W) X 165 (H) X 190 (D) mm.
- Back Mounting, Side Mounting
- Weight: Less than 8 kg

Environmental:

- Ambient Temperature Operation: -5° C To +60° C
- Ambient Temperature storage: -20°C To +65°C
- Humidity: 95% RH, non-condensing

LED Indications:

- Charger ON (Green)
- Battery Mode (Amber)
- Battery Low (Red)
- Output Over-load (Red)
- Output ON (Green)
- Input Over Voltage (Red)

Protections:

- Low Battery Cut off
- High Battery Control
- Over Voltage transit Protection
- Over Current Protection By Suitable rating replaceable fuse
- Output Short Circuit Protection
- Input High / Over Voltage Protection

Features:

- Wide input range.
- Cold Start (Through a push button)
- Spare Fuses in the Front-Panel Box.
- Safety "Earth" Terminal on the Input Terminal Block for grounding the Unit.
- Front-panel Battery Disconnect Switch to avoid Battery Discharge, while in transit.
- Heavy-duty Terminal Blocks on the Front-panel for ease of terminations & field wiring.
- Pre-treated, Powder-coated Metal Cabinet with Lifting-Handles and Panel-mounting Brackets.
- Each unit is tested on a Semi-Automatic Tester, and provided with a Routine Test Report.

EMC:

Designed with reference to following standards

- E.S.D: IEC61000-4-2 AIR: 15KV / Contact: 8KV
- E.F.T: IEC61000-4-4, (L / N: 4KV)
- SURGE: IEC61000-4-5, (L / N: 6kV), (L, N / PE: 6KV)

PRODUCT PHOTO

