

## SV DC UPS

### Technical Specifications

#### INPUT

Voltage	Single PHASE, MIN. 160 V & MAX. 270 V AC (Nominal 230V)
Frequency	48 - 50 Hz

#### OUTPUT

Voltage	13.5V ( $\pm$ 0.5V) Auto / Float
Current	2 Amps (Max)
Ripple	300mV peak - peak
THD	The Total line harmonic Voltage distortion shall not be more than 10 % in at nominal input voltage and 100% load condition.
Efficiency	Min 70% at nominal Input & 100% Load condition
Noise	Within 4mV

#### PROTECTION

Over Voltage (O / P)

Over Load (O / P)

Battery Reverse Voltage

Battery Under Voltage      When battery voltage reaches to 10.5 $\pm$  0.3 volts then load will be isolated from battery, and get reconnected when battery charged back to 12.5 $\pm$  0.5 volts

Starting of Battery Unit  
for ONT without Battery  
Connected

There shall be provision to start the Battery Unit for Configuration - B ONT unit without Battery connected

#### FRAME

LED-1 (Dual LED) AC Present-GREEN, AC Not Present-RED

LED-2 (Dual LED) Battery OK-GREEN, Battery Low-RED

LED-2 (Single LED) Battery Not Present

Size

#### ENVIROMENTAL

Operating Temperature      0°C to 50°C

EMI/RFI      EMI / RFI suppression circuits have been installed at the input as well as the output of the CHARGER.