

# Battery Backup Systems



## Battery Backup System Specification Sheet

PCB Name/ Description : Battery Backup

### INPUT

| Description                | Output            |
|----------------------------|-------------------|
| AC Input Voltage           | 230V AC           |
| AC Input Voltage range     | 90V AC to 270V AC |
| AC Input frequency         | 50Hz to 60Hz      |
| Primary Current Protection | NTC, Fuse         |
| Inrush Current             | <15A              |

### OUTPUT

| Description                         | Output  |
|-------------------------------------|---|
| Normal DC O/P Voltage               | 13.8V      27V  |
| Minimum Load Current                | 0A      0A  |
| Maximum Load Current                | 3A      3A  |
| Maximum O/P Power                   | 41.4 W      81 W  |
| Ripple & Noise @230V AC             | <60mV Peak to Peak  |
| Total O/P Regulation                | N/A   |
| O/p power Indications.              | O/p power on LED  |
| Type f Charger                      | Current Controlled Charger  |
| Reverse Battery Polarity Protection | Yes   |
| Reverse Battery PolarityCorector    | Optional  |
| Withstand Voltage                   | 1.5kV AC Between I/p & O/p for 1min<br>1kV AC Between L, N & E for 1min |

### MECHANICAL

| Description              | Output   |
|--------------------------|--|
| Dimensions (Approximate) | 1 (120mm X 72mm X 40mm)<br>2 (153mm X 72mm X 53mm) |
| I/P plug Type            | 3PIN MKDS Type Connector                           |
| O/P plug Type            | 2PIN MKDS Type Connector                           |

### ENVIRONMENT

| Description    | Output        |
|----------------|---------------|
| Operating temp | Upto 60 deg.C |