

# V-GUARD JAAD00 850

## TECHNICAL SPECIFICATION (AS PER LEGAL METROLOGY GUIDELINES)

| Feature                         | Specification                                                                                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                           | JAAD00 850                                                                                                                                                                                 |
| Capacity                        | 775VA                                                                                                                                                                                      |
| Mains Input Voltage Range       | Normal Mode: 80V - 290VAC $\pm$ 10V, 43Hz - 57Hz<br>UPS Mode: 180V - 260VAC $\pm$ 6V, 47Hz - 53Hz.                                                                                         |
| UPS Output Voltage (Mains Mode) | On Mains: Same as Input (within the working range)                                                                                                                                         |
| No Load Output (Battery Mode)   | 250 $\pm$ 5V, 50Hz, 1P (IN NORMAL MODE)<br>230 $\pm$ 5V, 50Hz, 1P (IN UPS MODE)                                                                                                            |
| Output Waveform                 | Pseudo Sinewave                                                                                                                                                                            |
| Transfer Time                   | UPS mode < 10mSec                                                                                                                                                                          |
| Battery Type & Capacity         | 12V, 80Ah to 230Ah, Lead Acid (1 No)                                                                                                                                                       |
| Battery Recharge Time*          | 8-12Hrs (Depends on battery capacity and charging current selection)<br>[*Time for a fresh 150Ah tubular battery at high charging mode selection and mains voltage within 150-280V range.] |
| Operating Temperature           | 0°C to 45°C                                                                                                                                                                                |
| Product Dimensions (L x W x H)  | 275mm x 220mm x 120 mm (L x W x H)                                                                                                                                                         |
| Application**                   | Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (Up to 600W), Room Cooler (up to 200W) LED TV (up to 40")                                                                                      |

## LOAD CHART

| MODELS     | INVERTER CAPACITY (VA) | TV (W) | LED BULB (W) | FAN* (W) | LED TUBELIGHT (W) | LAPTOP (W) | WIFI ROUTER (W) | FRIDGE (W) | BACKUP WITH 150AH BATTERY AT CONNECTED LOAD |              | BACKUP WITH 200AH BATTERY AT CONNECTED LOAD |               |
|------------|------------------------|--------|--------------|----------|-------------------|------------|-----------------|------------|---------------------------------------------|--------------|---------------------------------------------|---------------|
|            |                        | 75     | 9            | 70       | 20                | 65         | 9               | 200        | 50%                                         | 75%          | 50%                                         | 75%           |
| JAAD00 850 | 775                    | 1      | 6            | 3        | 5                 |            | 1               |            | 4Hrs. 25 Min                                | 3Hrs. 00 Min | 6Hrs. 20 Min                                | 4 Hrs. 15 Min |