

# V-GUARD JAADOO 1600

## TECHNICAL SPECIFICATION (AS PER LEGAL METROLOGY GUIDELINES)

Feature	Specification
Model	JAADOO 1600
Capacity	1400 VA
Mains Input Voltage Range	Normal Mode: 80V - 290VAC $\pm$ 10V, 40Hz - 57Hz UPS Mode: 180V - 260VAC $\pm$ 6V, 46Hz - 54Hz
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) 230 $\pm$ 5V, 50Hz, 1P (IN UPS MODE)
Output Waveform	Pseudo Sinewave
Transfer Time	UPS mode < 10mSec
Battery Type & Capacity	12V, 135Ah to 230Ah, Lead Acid
Battery Recharge Time*	8-12Hrs (Depends on battery capacity and charging current selection) [*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)	320mm x 290mm x 140 mm (L x W x H)
Application**	Fan, CFL, Tube Light, LED TV (Up to 65"), EESL LED Bulb, Mixer (Up to 900W), Desert Cooler (Up to 90L / 300W), Inverter Refrigerator (Up to 600L), Monoblock self-prime water Pump up to 1 HP, Kitchen Chimney (Up to 1200m <sup>3</sup> /hr), 2-Wheeler EV charger (Up to 600W)

## 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%
JAADOO 1600	1400	2	8	4	4	1	1	1	2 Hrs. 15 Min	1 Hrs. 30 Min	3 Hrs. 00 Min	2 Hrs. 10 Min