

V-GUARD SMART 1350

TECHNICAL SPECIFICATION (AS PER LEGAL METROLOGY GUIDELINES)

Feature	Specification
Model	SMART 1350
Capacity	1000VA
Mains Input Voltage Range	Normal Mode: 90V - 290VAC \pm 10V, 40Hz – 57Hz. UPS Mode: 180V - 260VAC \pm 6V, 46Hz - 54Hz
UPS Output Voltage (Mains Mode)	Same as input (With in the working range)
No Load Output (Battery Mode)	220V, 50Hz, 1P (In Normal Mode) 230V, 50Hz, 1P (In UPS Mode) 240V, 50Hz, 1P (In High Performance Mode)
Output Waveform	Pure Sinewave
Transfer Time	UPS mode <10mSec.
Battery Type & Capacity	12V, 135Ah to 230Ah, Lead Acid (1 No.)
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)	275mm x 250mm x 120 mm (L x W x H)
Application**	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (up to 600W**), Room Cooler (up to 200W**), LED TV (up to 49”), Inverter Refrigerator (up to 260L), Desktop Computer, Deskjet Printer, PlayStation, Two-wheeler EV

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%
SMART 1350	1000	1	6	3	3	1	1	1	3 Hrs. 00 Min	2 Hrs. 00 Min	4 Hrs. 10 Min	2 Hrs. 50 Min