

V-GUARD PRIME 850

TECHNICAL SPECIFICATION (AS PER LEGAL METROLOGY GUIDELINES)

Feature	Specification
Model	PRIME 850
Capacity	750VA
Mains Input Voltage Range	Normal Mode: 90V - 290VAC \pm 10V, 43Hz - 57Hz 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)	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, 80Ah to 230Ah, Lead Acid (1No Only)
Battery Recharge Time*	8-12hrs (Depends on battery capacity & charging selection)
Operating Temperature	0°C to 45°C
Product Dimensions (L x W x H)	275mm x 227mm x 120mm (L x W x H)
Application**	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (up to 450W), Room Cooler (up to 180W), LED TV (up to 43"). (** Subjected to material and usage conditions.)

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%
PRIME 850	750	1	7	3	4		1		4Hrs. 40 Min	3Hrs. 10 Min	6Hrs. 25 Min	4 Hrs. 20 Min