

# V-GUARD PRIME 1650

## TECHNICAL SPECIFICATION (AS PER LEGAL METROLOGY GUIDELINES)

Feature	Specification
Model	PRIME 1650
Capacity	1400VA
Mains Input Voltage Range	Normal Mode: 90V - 290VAC + 10V, 40Hz - 57Hz UPS Mode: 180V - 260VAC + 6V, 46Hz - 54Hz
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, 135Ah to 230Ah, Lead Acid (1 No.)
Battery Recharge Time*	10-12hrs (Depends on battery capacity & charging selection)
Operating Temperature	0°C to 45°C
Product Dimensions (L x W x H)	320mm x 290mm x 140mm (L x B x H)
Application**	LED TV (Up to 55"), Fan, EESL LED Bulb, CFL, Tube Light, Inverter Refrigerator (Up to 600 Litres), Mixer (Up to 900W), Room cooler / Desert Cooler (Up to 90L / 300W), Sound bar / Speaker system, 1HP Monoblock Self Prime Pump, Kitchen Chimney (Up to 1200 m³/hr), Desktop Computer, Deskjet Printer, PlayStation, 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%
PRIME 1650	1400	2	7	4	5	1	1	1	2Hrs. 25 Min	1Hrs. 35 Min	3Hrs. 10 Min	2 Hrs. 10 Min