



**SUNNIVA**

# Power Failure and Load-Shedding Protection and Prevention 2,400VA Inverter

Available from: \_\_\_\_\_ Tel \_\_\_\_\_ E-Mail \_\_\_\_\_

<b>CAPACITY</b>	<b>2400VA</b>	<b>1440W</b>
<b>AC INPUT</b>	Nominal Voltage	<b>220\230\240VAC</b>
	Input Voltage Range	<b>90-280VAC</b>
	Nominal Frequency	<b>50Hz</b>
<b>INPUT VOLTAGE</b>	Narrow	<b>170-280VAC</b>
	Wide	<b>90-280VAC</b>
<b>INVERTER OUTPUT</b>	Voltage	<b>230VAC +10/-18%</b>
	Frequency	<b>50/60Hz :±0.5Hz</b>
	Waveform	<b>Modified Sine-wave</b>
	Efficiency (AC to AC)	<b>&gt;95%</b>
	Efficiency (DC to AC)	<b>&gt;80%</b>
<b>BATTERY</b>	Nominal Voltage	<b>24V DC (2 x 12V in Series)</b>
	2 x 12V @ 105AH or 2 x 12V @ 200AH	<b>Supplied and sold separately</b>
<b>CHARGER</b>	Charging Voltage {Vbat<12.5V}	<b>28.8+/-0.4V</b>
	Charging Voltage	<b>27.4+/-0.4V</b>
	Low Charging Current	<b>10A±2A</b>
	High Charging Current	<b>20A±2A</b>
	Overcharging Protection	<b>32V+/-0.8V</b>
<b>TRANSFER</b>	Automatic Transfer	<b>Typical transfer time 15-20ms (40ms max)</b>
<b>INDICATORS</b>	Line Mode	<b>Green LED blinks or on</b>
	Battery Mode	<b>Yellow LED on</b>
	Overload/fault	<b>Red LED blinks or on</b>
<b>AUDIBLE</b>	Low Battery Voltage while on Battery	<b>Beep every 2 seconds</b>
	Overload	<b>Beep every 0.5 seconds</b>
	Fault	<b>Beep continuously</b>
<b>GENERAL</b>	Operating Temperature	<b>-10 -45°C</b>
	Dimension D x W x H (mm)	<b>255 x 80 x 224</b>
<b>PROTECTION</b>	<b>Deep Discharge/Overcharge of batteries, Short Circuit, Overload, Battery Short, Over/Under Voltage.</b>	