



ISO CERTIFIED  
PRODUCT



MANUFACTURING  
IN INDIA



# UNICRON<sup>+</sup>

DSP SINE WAVE INDUSTRIAL  
INVERTER / UPS

## SALIENT FEATURES

DSP Base Design with absolute and stable Sine Wave output voltage and frequency

Over Temperature Protection

Protection such as Mains MCB Trip, overload, short circuit, Battery low, over temperature indication with buzzer

as well as display on LCD available.

Fast change over in UPS mode makes computer compatible

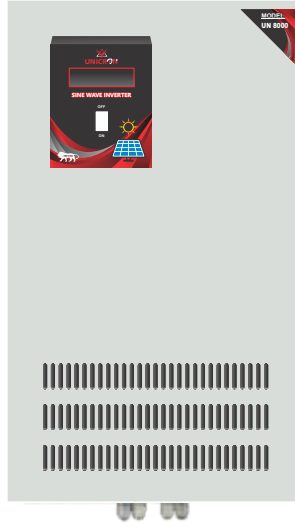
Comprehensive LCD Display



UN4000 | UN5500 | UN8000 | UN10000



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## TECHNICAL SPECIFICATIONS OF SINE WAVE HOME UPS / INVERTERS

PARAMETERS	MODELS			
	UN4000 48V	UN5500 48V	UN8000 96V	UN10000 120&180V
Inverter Model				
No Load Battery Current			≤2.2A	
Max. O/P No. Load Voltage	220V ± 5V		230V ± 5V	
Max. Full Load Voltage	220V ± 7V		230V ± 10V	
Max. Load Battery Current Max.	≤57A	220V ± 7V	85A±2A	51A±2A
Full Load O/P Current	10.5 ± 0.7A	≤106A		
Overload Retry		17± 0.5A	≥85A	≥52A
Output Frequency (Inverter Mode)		6 Times		
Battery Low Voltage Alarm		10.5V±0.2V/Batt.		
Battery Voltage Cut		10.0V±0.2V/Batt.		
<b>MAINS MODE</b>				
Mains Low Cut		115V ± 10V		
Recovery		125V ± 10V		
Mains High Cut		280V ± 10V		
Recovery		275V ± 10V		
Change Over (Mains to Inverter)		≤50ms		
Change Over time (Inverter to Mains)		≤10ms		
Battery Low Retry		4 Times		
Short Circuit Retry		OK 1 Time		
Permanent Short Circuit Protection		Yes		
<b>UPS MODE</b>				
Mains Low Cut		180V ± 5V		
Recovery		190V ± 5V		
Mains High Cut		260V ± 5V		
Recovery		255V ± 5V		
Change Over time (Mains to UPS)		≤10ms		
Change Over time (Inverter to UPS)		≤10ms		
<b>MAINS MODE</b>				
Max. Charging Current	20A	25A		2A
Boost Charging Voltage	14.2V Batt.			

**MKTD. BY : RA2 INTERNATIONAL LIMITED, Nigeria**

