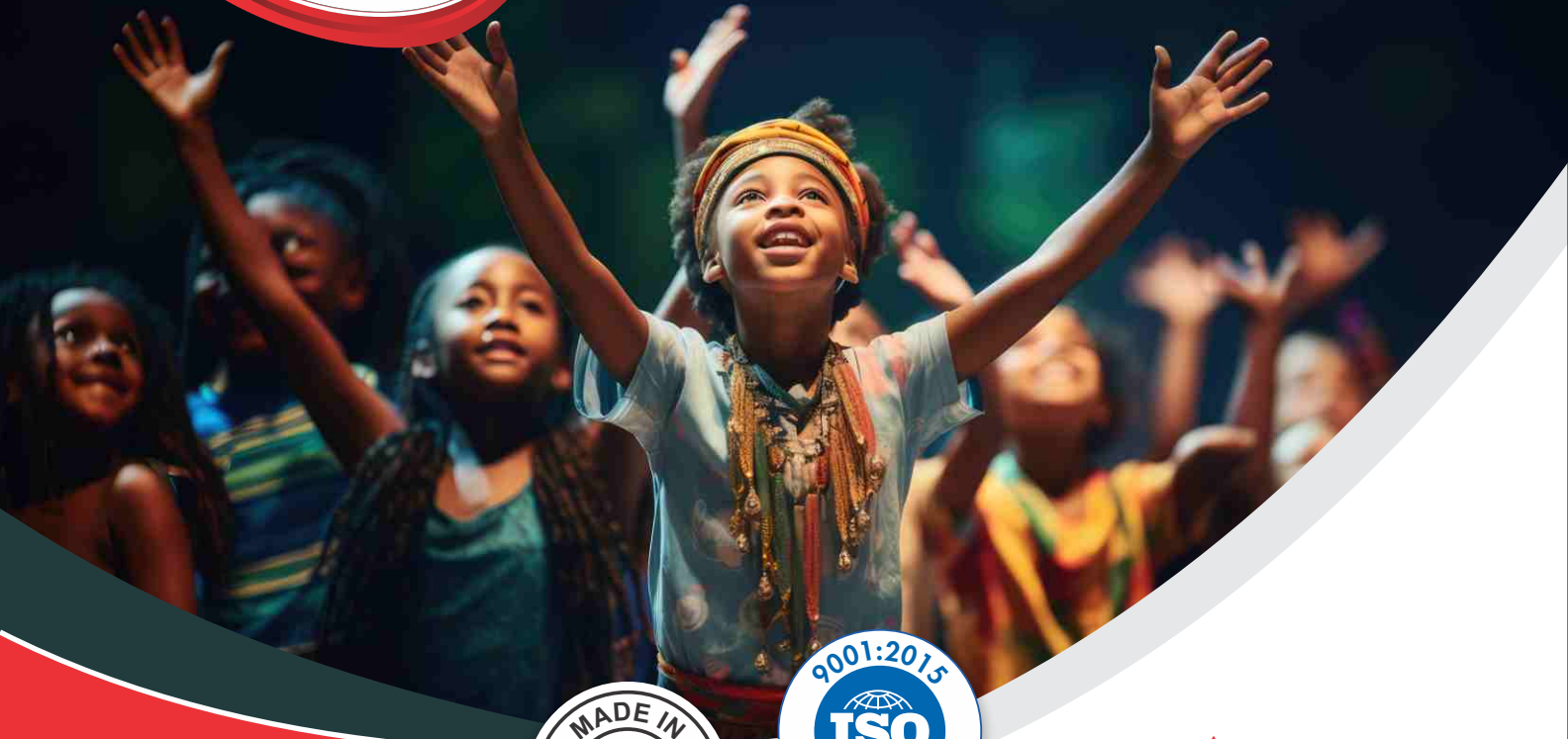


**NIGERIA'S**  
**INVERTER WITH**  
**SMART CHARGER** **1<sup>st</sup>**



**UNICRON+**



ENERGY EFFICIENT  
 SAVE POWER



REDUCE YOUR  
 ELECTRICITY BILLS



PREMIUM  
 LED DISPLAY





## DSP PURE SINE WAVE INVERTER

UNICRON PLUS DSP Sine Wave Home UPS & Inverter delivers quality output with reliable performance at a reasonable price. UNICRON PLUS DSP based Sine Wave inverters & UPS are specialized in providing clean and stable power supply to all connected appliance and equipments.

### TECHNICAL SPECIFICATIONS OF SINE WAVE HOME UPS / INVERTERS

PARAMETERS	MODELS				
	UN1000 12V DC	UN1100 12V DC	UN2000 12 V DC	UN2000 24V DC	UN3000 24V DC
Model					
Maximum No Load Current @ Full Charge Battery	≤2.2A	≤2.2A	≤2.4A	≤2.2A	≤2.2A
O/P Voltage@No Load	220V ± 7V				
Full Load Battery	55A±2A	55A±2A	85A±2A	51A±2A	75A±2A
O/P Voltage @ Full Load	180 - 220V				
Over Load Protection	≥56A	≥66A	≥85A	≥52A	≥77A
Battery Low Alarm	10.6±0.2V				
Battery Low Protection	10.4±0.2V				
Short Circuit Protection (One Retry)	OK				
Inverter Output Frequency	50.0Hz ± 0.5Hz				

#### UPS MODE

Input Voltage Range	180 - 260V
Low Cut Voltage	180V ± 10V
Low Cut Voltage	190V ± 10V
High Cut	260V ± 10V
High Cut Recovery	255V ± 10V
Maximum Change Over Time	≤10ms

#### NORMAL MODE

Input Voltage Range	100 - 280V
Low Cut Voltage	100V ± 10V
Low Cut Voltage	110V ± 10V
High Cut	280V ± 10V
High Cut Recovery	270V ± 10V
Maximum Change Over Time	≤40ms

#### CHARGING MODE

Charging Current @ 220V AC (NC)	11A ± 1A	11A ± 1A	14A ± 1A	14A ± 1A	14A ± 1A
Charging Current @ 220V AC (HC)	13A ± 1A	14A ± 1A	16A ± 1A	16A ± 1A	16A ± 1A
Boost Charging Voltage Per Battery (HC/NC)	Suitable for Tub-14.4V / 28.8V, GEL-14.2/28.4V, FLAT-14.2/28.4V / Lifepo4 (Li-ion Battery)				
Float Charging Voltage Per Battery	13.6V ± 0.2V				
Short Circuit	Yes				

#### PROTECTION

Over Load Auto Retries	6 times
Battery Voltage Low (Auto Retries)	4 times

#### CHARGER MODE

Charger Mode only for tubular battery" setting is displayed, pressing the "CHANGE" button will alternate between the available Setting options. Charger Mode will have two options "OFF" and "ON" as display above. Default Selection is OFF. Once Charger mode on system output turn off and system will charge battery by 10A with Boost Voltage 14.8V/Batt. it will take 3 hour on boost voltage or current less than 3A then it will go to float level and clear the charger Mode. Note Setting will not work, Means once the charger mode on; No other setting will work in system. if u want to change so please turn off charger mode manually or it will be automatic resume last setting after float level.