



# Idyll Series

1500VA - 3000VA

## Why come to us for a solution?

- Quality products
- Wide range of products
- Nationwide backup
- Locally produced UPS's
- Competitively priced
- Unique design
- Good value for money

The Idyll Series is equipped with a built-in lithium battery complete with a solar input option. This plug & play unit converts stored energy into usable AC power. The Idyll series is simple to install into any business or home environment making it perfect for effortless installations for back-up power.



## APPLICATION

Residential / Commercial Use, Telecom, Broadband, TVs, UPS Systems, Data Centres

## FEATURES

- Solar inverter with built-in lithium battery module
- Plug & play
- AC breakers and DC fuse protection
- Pure sine wave
- Up to 100A charge current
- RS232 & USB communication ports
- Movable unit with wheels and handles
- Elegant design
- Powered by Lithium-ion
- Combining functions of inverter, solar charger and battery charger
- Compatible to mains or generator power
- Auto restart while AC is recovering
- Cold start function



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MODEL	ID015-1	ID030-2	ID030-5
<b>RATED INVERTER POWER</b>	1500VA/1500W	3000VA/3000W	
<b>INPUT</b>			
<b>VOLTAGE</b>	230VAC $\pm$ 5%		
<b>VOLTAGE RANGE</b>	154-264VAC		
<b>FREQUENCY RANGE</b>	50-60Hz		
<b>AC INPUT CONNECTION</b>	IEC C14	IEC C20	
<b>PV INPUT CONNECTION</b>	PP75		
<b>OUTPUT</b>			
<b>AC VOLTAGE REGULATION (BATT MODE)</b>	230VAC $\pm$ 5%		
<b>SURGE POWER</b>	3000VA	6000VA	
<b>EFFICIENCY (PEAK)</b>	93%	93.5%	
<b>TRANSFER TIME</b>	10ms (TYPICAL)		
<b>WAVEFORM</b>	PURE SINE WAVE		
<b>AC OUTPUT</b>	4 X AC OUTLETS		
<b>DC OUTPUT</b>	2XUSB PD PORTS (QC3.0)	3XUSB PD PORTS (QC3.0)	
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
<b>SOLAR CHARGER TYPE</b>	PWM	MPPT	
<b>MAX PV ARRAY POWER</b>	1200W	1500W	
<b>MAX PV ARRAY OPEN CIRCUIT VOLTAGE</b>	30-85VDC	30-115VDC	
<b>MAXIMUM SOLAR CHARGE CURRENT</b>	40A	60A	
<b>AC CHARGE CURRENT</b>	30A	40A	
<b>MAX CHARGE CURRENT</b>	50A	100A	
<b>BATTERY</b>			
<b>CAPACITY</b>	1280Wh (25.6V 50Ah)	2560Wh (25.6V 100Ah)	5120Wh (25.6v 200Ah)
<b>NOMINAL VOLTAGE</b>	25.6VDC		
<b>RECOMMENDED CHARGING VOLTAGE</b>	27.6V		
<b>MAX CONTINUOUS DISCHARGING CURRENT</b>	50A	100A	
<b>COMMUNICATION</b>			
<b>COMMUNICATION PORTS</b>	USB/RS232(BAUD RATE 2400)		
<b>PROTECTION</b>			
<b>PROTECTION TYPE</b>	AC INPUT/OUTPUT BREAKERS, BATTERY SWITCH; EARTH LEAKAGE CIRCUIT BREAKER		
<b>ENVIRONMENT</b>			
<b>HUMIDITY</b>	20%-95% (NON CONDENSING)		
<b>STORAGE TEMPERATURE</b>	-15-60°C		
<b>OPERATION TEMPERATURE</b>	0-40°C		
<b>PHYSICAL</b>			
<b>DIMENSION (UNIT) (MM) (WxDxH)</b>	220 X 480 X 565	250 X 630 X 685	
<b>DIMENSION (PACKAGED) (MM) (WxDxH)</b>	330 X 568 X 615	358 X 735 X 770	
<b>NET WEIGHT (KG)</b>	26	43	63
<b>GROSS WEIGHT (KG)</b>	29	48	68



In the interests of continuous product improvement, all specifications are subject to change without notice.