

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



Idyll Series 1500VA - 3000VA

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





Idyll Series 1500VA - 3000VA

RATED INVERTER POWER 1500VA/1500W 3000VA/3000W INPUT VOLTAGE 230VAC ± 5% VOLTAGE RANGE C 230VAC ± 5% VOLTAGE RANGE 0 50-60Hz AC INPUT CONNECTION IEC C14 IEC C20 PV INPUT CONNECTION IEC C14 IEC C20 OUTPUT PP75 OUTPUT 230VAC ± 5% SURGE POWER 3000VA 6000VA EFFICIENCY (PEAK) 93% 93.5% TRANSFER TIME 10ms (TYPICAL) WAVEFORM 2XUSB PD PORTS (QC3.0) 3XUSB PD PORTS (QC3.0) SOLAR CHARGER X AC CHARGER PWM MPPT SOLAR CHARGER TYPE PWM MPPT MAX PV ARRAY POWER 1200W 1500W	MODEL	ID015-1	ID030-2	ID030-5
VOLTAGE230VAC ± 5%VOLTAGE RANGE:::::::::::::::::::::::::::::::::	RATED INVERTER POWER	1500VA/1500W	3000VA/3000W	
VOLTAGE RANGE IDENTIFY INPUTION FREQUENCY RANGE IEC C14 AC INPUT CONNECTION IEC C14 PV INPUT CONNECTION IEC C14 OUTPUT PP75 OUTPUT 230VAC ± 5% SURGE POWER 3000VA 93% 93.5% FREIENCY (PEAK) 93% 93% 93.5% TRANSFER TIME IDEC C14 VOLTAGE REGULATION (BATT MODE) IDEC C14 SURGE POWER 93% GOUTPUT 100ms (TYPICAL) WAVEFORM IDEC C14 AC OUTPUT 2XUSB PD PORTS (QC3.0) SULTAGE & A C CHARGER PWM SOLAR CHARGER TYPE PWM MAX PV ARRAY POWER 1200W	INPUT			
FREQUENCY RANGE 0 FREQUENCY RANGE 1EC C14 AC INPUT CONNECTION 1EC C14 PV INPUT CONNECTION	VOLTAGE	230VAC ± 5%		
AC INPUT CONNECTION IEC C14 IEC C20 PV INPUT CONNECTION PP75 OUTPUT PV1000000000000000000000000000000000000	VOLTAGE RANGE	154-264VAC		
PV INPUT CONNECTION PP75 OUTPUT	FREQUENCY RANGE	50-60Hz		
OUTPUT Contract Regulation (BATT MODE) 230VAC ± 5% SURGE POWER 3000VA 6000VA FFICIENCY (PEAK) 93% 93.5% TRANSFER TIME 0 93.5% VALUE OF OWER 0 93.5% TRANSFER TIME 0 93.5% VAVEFORM 0 93.5% AC OUTPUT 2XUSB PD PORTS (QC3.0) PURE SINE WAVE DC OUTPUT 2XUSB PD PORTS (QC3.0) 3XUSB PD PORTS (QC3.0) SOLAR CHARGER & AC CHARGER PWM MAPPT MAX PY ARRAY POWER 1200W 1500W	AC INPUT CONNECTION	IEC C14	IEC C20	
AC VOLTAGE REGULATION (BATT MODE) 230VAC ± 5% SURGE POWER 3000VA 6000VA EFFICIENCY (PEAK) 93% 93.5% TRANSFER TIME	PV INPUT CONNECTION	PP75		
SURGE POWER3000VA6000VAEFFICIENCY (PEAK)93%93.5%TRANSFER TIME	ουτρυτ			
EFFICIENCY (PEAK) 93% 93.5% TRANSFER TIME 93% 93.5% TRANSFER TIME 10ms (TYPICAL) WAVEFORM 0 93.6% AC OUTPUT 0 93.6% DC OUTPUT 2XUSB PD PORTS (QC3.0) 3XUSB PD PORTS (QC3.0) SOLAR CHARGER & AC CHARGER PWM MPPT MAX PY ARRAY POWER 1200W 1500W	AC VOLTAGE REGULATION (BATT MODE)	230VAC ± 5%		
TRANSFER TIME 10ms (TYPICAL) WAVEFORM PURE SINE WAVE AC OUTPUT PURE SINE WAVE DC OUTPUT 2XUSB PD PORTS (QC3.0) SOLAR CHARGER & AC CHARGER PWM SOLAR CHARGER TYPE PWM MAX PV ARRAY POWER 1200W	SURGE POWER	3000VA	6000VA	
WAVEFORM PURE SINE WAVE AC OUTPUT 4 X AC OUTLETS DC OUTPUT 2XUSB PD PORTS (QC3.0) 3XUSB PD PORTS (QC3.0) SOLAR CHARGER & AC CHARGER PWM MPPT MAX PV ARRAY POWER 1200W 1500W	EFFICIENCY (PEAK)	93%	93.5%	
AC OUTPUT 4 X AC OUTLETS DC OUTPUT 2XUSB PD PORTS (QC3.0) 3XUSB PD PORTS (QC3.0) SOLAR CHARGER & AC CHARGER PWM MPPT SOLAR CHARGER TYPE PWM MPPT MAX PV ARRAY POWER 1200W 1500W	TRANSFER TIME	10ms (TYPICAL)		
DC OUTPUT 2XUSB PD PORTS (QC3.0) 3XUSB PD PORTS (QC3.0) SOLAR CHARGER & AC CHARGER PWM MPPT MAX PV ARRAY POWER 1200W 1500W	WAVEFORM	PURE SINE WAVE		
SOLAR CHARGER & AC CHARGER SOLAR CHARGER TYPE PWM MAX PV ARRAY POWER 1200W	AC OUTPUT	4 X AC OUTLETS		
SOLAR CHARGER TYPE PWM MPPT MAX PV ARRAY POWER 1200W 1500W	DC OUTPUT	2XUSB PD PORTS (QC3.0)	3XUSB PD PORTS (QC3.0)	
MAX PV ARRAY POWER 1200W 1500W	SOLAR CHARGER & AC CHARGER			
	SOLAR CHARGER TYPE	PWM	МРРТ	
	MAX PV ARRAY POWER	1200W	1500W	
MAA FY ARRA I OFEN CIRCUIT VOLTAGE 30-85VUC 30-115VDC	MAX PV ARRAY OPEN CIRCUIT VOLTAGE	30-85VDC	30-115VDC	
MAXIMUM SOLAR CHARGE CURRENT 40A 60A	MAXIMUM SOLAR CHARGE CURRENT	40A	60A	
AC CHARGE CURRENT 30A 40A	AC CHARGE CURRENT	30A 40A		
MAX CHARGE CURRENT 50A 100A	MAX CHARGE CURRENT	50A 100A		
BATTERY	BATTERY			
CAPACITY 1280Wh (25.6V 50Ah) 2560Wh (25.6V 100Ah) 5120Wh (25.6v 200Ah)	CAPACITY	1280Wh (25.6V 50Ah)	2560Wh (25.6V 100Ah)	5120Wh (25.6v 200Ah)
NOMINAL VOLTAGE 25.6VDC	NOMINAL VOLTAGE	25.6VDC		
RECOMMENDED CHARGING VOLTAGE 27.6V	RECOMMENDED CHARGING VOLTAGE	27.6V		
MAX CONTINUOUS DISCHARGING CURRENT 50A 100A	MAX CONTINUOUS DISCHARGING CURRENT	50A	100A	
COMMUNICATION	COMMUNICATION			
COMMUNICATION PORTS USB/RS232(BAUD RATE 2400)	COMMUNICATION PORTS	USB/RS232(BAUD RATE 2400)		
PROTECTION	PROTECTION			
PROTECTION TYPE AC INPUT/OUTPUT BREAKERS, BATTERY SWITCH; EARTH LEAKAGE CIRCUIT BREAKER	PROTECTION TYPE	AC INPUT/OUTPUT BREAKERS, BATTERY SWITCH; EARTH LEAKAGE CIRCUIT BREAKER		
ENVIRONMENT	ENVIRONMENT			
HUMIDITY 20%-95% (NON CONDENSING)	HUMIDITY	20%-95% (NON CONDENSING)		
STORAGE TEMPERATURE -15-60°C	STORAGE TEMPERATURE	-15-60°C		
OPERATION TEMPERATURE 0-40°C	OPERATION TEMPERATURE	0-40°C		
PHYSICAL	PHYSICAL			
DIMENSION (UNIT) (MM) (WxDxH) 220 X 480 X 565 250 X 630 X 685	DIMENSION (UNIT) (MM) (WxDxH)	220 X 480 X 565	220 X 480 X 565 250 X 630 X 685	
DIMENSION (PACKAGED) (MM) (WxDxH) 330 X 568 X 615 358 X 735 X 770	DIMENSION (PACKAGED) (MM) (WxDxH)	330 X 568 X 615	358 X 735 X 770	
NET WEIGHT (KG) 26 43 63	NET WEIGHT (KG)	26	43	63
GROSS WEIGHT (KG) 29 48 68	GROSS WEIGHT (KG)	29	48	68