

#### 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