

# DELTA HYBRID INVERTER



**5** YEAR  
WARRANTY

## Product Description

- ★ Equipped with grid connected current setting function
- ★ Equipped with charging priority setting function
- ★ Support battery-less operation mode
- ★ Equipped with output priority setting function
- ★ Equipped with lithium battery BMS communication function

## Product Features



Pure sine wave



Wifi



Two-way energy storage design



Configurable working mode



Support working without battery



RS485

## HYBRID INVERTER

### Technical Specifications:

Model	Delta A1 - 1.3kW	Delta A3 - 3kW
Rated Power	1.3kW	3KVA/3kW
System Voltage	12VDC	24VDC
Voltage (Battery mode)	Single Phase 220VAC / 230 VAC / 240VAC Can be set, ±5%	
Maximum Conversion Efficiency (Battery Discharge)	94%	
Transfer Time	10ms(Typical value)	
Wave	Pure Sign Wave	
Battery Voltage	12VDC	24VDC
Overload Power Protection	Automatic Protection (battery mode),Circuit Breaker or Insurance (AC mode)	33VDC
Max PV Input Power	2kW	3.5kW
MPPT Tracking Voltage Range	30VDC-240VDC	120 - 450VDC
Max PV Input Voltage VOC (at the lowest temperature)	300VDC	320VDC/ 500VDC
Max. Input Charge Current	15A	18A/80A
AC input Voltage	230VAC	230VAC
Voltage Range	187Vac - 264VAC	90-280VAC (Home appliance)/170-280VAC (PC)
Frequency Range	50Hz / 60Hz	50 Hz/60 Hz(Adaptive)
Max Charge Current	50A	40A/60A
Weight	5 kG	9kg
Communication	RS485/Mobile AP P(WI FI Monitoring or GPRS monitoring)(Optional)	R5485
Display	LCD+ LED	With LCD screen
Operating temperature	- 10C-50°C	0°C -+50°C
Storage temperature	- 15C-60°C	-30°C +70°C
Humidity	0%-95% , No condensation	5%-95% Relative humidity (non condensing)
Protection Level	IP20	IP20
Package Size(L*W*H mm)	360*305*156	420x315x145 mm