



Tethys-Series

FEATURES:

- All-in-one design, inverter and battery integrated together;
- Inverter and battery module are stackable, easy installation.
- Battery modules are scalable, meet demand about longer backup time;
- Inverter modules are parallelable, meet high power output;
- Self-designed BMS, every battery module is equipped with a standalone one;
- Top brand Grade A LiFePO4 battery cells, prismatic, top class safety;
- Long cycle life energy storage battery (6000 times)
- Certification of IEC62619, UN38.3, CEC approved etc



Tethys-0505X-H / Tethys-1005X-H



Tethys-0605X-V

Remark: inverter modules are parallelable

TECHNICAL DATA

Model No.		Tethys-0505X-H				Tethys-1005X-H					Tethys-0605X-V		
Inverter (KW)		5KW				10KW					6KW		
Battery (KWh)		5	10	15	20	10	15	20	25	30	5	10	15
Battery Module	Voltage	51.2V									51.2V		
	capacity	100Ah									100Ah		
	Charge voltage	58V									58V		
	Discharge cut-off voltage	42V									42V		
	Charge current	50A									50A		
	Max charge current	100A									100A		
	Discharge current	50A									50A		
	Max discharge current	100A									100A		
	Communication	RS485 / CAN									RS485 / CAN		
	Connector pass-through current	100A (continuous)				200A (continuous)					100A (continuous)		
Size	231*410*150mm									480*460*147mm			
off-grid inverter	Power	5KW				10KW					12KW		
	Oput Voltage	230VAC									230VAC		
	Frequency	50Hz / 60Hz									50Hz / 60Hz		
	input power (PV)	5.5KW				11KW					8KW		
	Input voltage range (PV)	120~450VDC									120~450VDC		
	Interface	RS485/CAN									RS485/CAN		
	Size	231*410*240mm									395*460*147mm		
General	Noise (dB)	< 40dB (1 meter)											
	Humidity	0~95% (no condensation)											
	Operation Temperature	-10℃~+50℃											
	Altitude (m)	1500											
	Warranty	5 years (2 years for inverter part)											