

ALL-IN-ONE HYBRID ESS

Home Energy Storage Battery + 10Kw Inverter



20Kw Inverter+10kWh Battery*



5Kw Inverter+5kWh Battery*

Features



Flexible Storage Capacity



Programmable supply priority
for battery or grid



100% output
in off-grid mode



All in one design



Smart settable three stages
MPPT charging



Real-time Remote Control
via APP and website

Specification

Battery Module		Data Sheet	
Model	10000TL	5000TL	
Battery Module	HS51200-10	LFP51100	
Nominal Voltage	51.2V	51.2V	
Nominal Capacity	200Ah	100Ah	
Battery Energy	10.24Kwh	5.12Kwh	
Charge Current	Recommend / 40A ; Max. / 100A *	Recommend / 20A ; Max. / 50A *	
Discharge Current	Recommend / 100A ; Max. / 200A *	Recommend / 50A ; Max. / 100A *	
Max Discharge Current	205A(5 sec.) *	105A(5 sec.) *	
Recommended number of modules	2~5 pcs	2~4 pcs	
Communication Method	RS485/CAN		
Charging Cut-off Voltage	57.6V± 0.2V		
Discharging Cut-off Voltage	44.8V± 0.2V		
Inverter			
PV Input			
Input Power (PV)	5000W * 2	5000W / 5500W (max)	
Input Voltage Range (PV)	450VDC		
MPPT Voltage Range	120-430VDC		
PV Max Charging Current	0~80A (To be set)		
AC Input			
Rating Input Voltage	200V~240VAC		
Input Voltage Range	(USP)185-280VAC / (APL)90-280 VAC (To be set)		
Input Frequency Range	40-70 Hz (Auto test)		
Rating Input Current	22.7A		
Max Input Current	40A		
AC Output			
Rating Output Power	10000W	5000W	
Rating Output Voltage	220VAC(208/220/230/240 Vac To be set)		
Output Waveform	Pure Sine Wave		
Switch Time	Typical 10ms		
Rating Output Frequency	50/60Hz (To be set)		
Summit Efficiency	>93%		
Communication Method	RS485/CAN/Wifi		
Parameter			
Weight	210 ~ 450Kg	62~156Kg	
Dimensions (L*D*W)	690*590*630~1065mm	483*220*910~1810mm	