

# ST series system cabinet



## Product features

- Ring transformer, low load loss
- Perfect protection, safe and reliable
- Unattended function, more human
- Double function mode, use more flexible
- Assemble dc power output, convenient for users
- Built-in MPPT controller, charging more efficient
- Large battery space, suitable for a variety of battery specifications
- Power frequency program design, to adapt to various types of load

## Technical parameters

Model	ST0530	ST1030	ST1530	ST2030	ST3030	ST4060	ST5060	ST6060
Rated power	500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Battery	Rated volatage	12V		24V		48V		
	Charge current	MAX 30A						
Input	Voltage	170~265VAC						
	Frequency	50HZ:50HZ ± 5HZ; 60HZ:60HZ ± 5HZ						
AC output/DC output	Voltage	Inverter model :220V±5%						
	Frequency	50/60HZ±1% ( Inverter model )						
	Output Waveform	Pure sine wave						
	Conversion time	<10ms (typical load)						
	Efficiency	>85%(80% Resistive load)						
	Overload	110-120%/30s; >120%/3s						
	Protection function	Battery overvoltage protection, battery undervoltage protection, overload protection, short circuit protection, overtemperature protection, etc.						
	USB	5VDC/1A*2						
	DC2.0	12VDC/5A*4						
	Display	LCD+LED						
Solar input	Input voltage	12V:18~25VDC; 24V:33~80VDC; 48V: 65-150VDC						
	Maximum current	30A			60A			
	power	12V: 300W; 24V:750W; 48V:1500W			48V:3000W			
Operating temperature	0-40°C							
Adaptive Battery Specification	1*12v200ah		2*12v200ah		4*12v200ah			
	Dimensions : D x W x H		580*350*605mm		600*365*980mm		580*560*980mm	
Weight (kg)	26	27	46	49	64	67	71	72

# PV Combiner Box



## Product features

- Two sets of independent pv array input/output, flexible application in different connection schemes;
- Multi-path pv array input, the maximum current of single input array is 10A;
- The single-channel pv array has been added to the protection of high voltage fuse and protection;
- Protection of pv special high-voltage lightning protection device; Pv special high voltage circuit breaker control output;
- Meet outdoor installation requirements and protect the IP65.

## Technical parameters

model	H4T	H6T	H8T	H10T
Pv array input traffic number	4	6	8	10
Single channel maximum pv array current	10A			
Single pv array fuses	10A			
Single-path pv array line number	PG7,4mm²			
Output '	1	2		
Maximum output current	40A	30A each way, 60A	40Aeach way , 80A	50Aeach way , 100A
The output line number of each channel	PG16, each8mm²	PG16, each10mm²	PG16, each10mm²	PG16, each12mm²
Maximum output voltage	800V			
Dc output circuit breaker	There are			
Protection grade	IP65			
Temperature range	-30°C ~ +60°C			
Reference weight (kg)	5.3/9.3	8.4/12.9	9.5/14.3	10.8/15.6
Mechanical dimensions	340*300*140mm	360*340*145mm	400*420*145mm	
Packing size	450*420*245mm	470*450*255mm	530*510*255mm	
Cooling way	Natural cooling			
Surge protection	There are			
Ground wire,	≥6mm²			