

# Solar Power System

## SWP-3000W

### Specifications

Solar Cell Module	Max power	3060 W( 170W×18)			
	Converting efficiency	≥ 16.5%Monocrystalline silicon with 125×125 standard square			
	Electrical data	Open circuit voltage	44.2V	Max voltage	35.31V
		Short circuit current	145.6A	Max current	138.6A
	Type and Size	Type A	1 array*7modules in series 5800×1580 mm	Module size	808×1580×35 mm
		Type B	——		
Installation angle	Install at 0°~ 60°from the horizontal				
Battery Pack	Rated capacity	2800AH	Combined mode	200AH/12V	
	Rated voltage	24V		2pcs as a array and 14 arrays in parallel	
	Battery type	Maintenance-free lead-acid	Discharging rate	≤50%	
	Ambient temperature	-30℃~+60℃	Weight	3600Kg	
	Lifetime	5—8 years			
Charge/discharge Controller, Input&output	Charge/Discharge controller	Model	110A		
		Size	110A ( 1 2 / 2 4 adaptorable )		
	DC output	12V	4 outlets		
		24V	For DC electrical tools		
	AC output-A 5 0 / 6 0 H z	Inverted output of standard electricity wave	Rated output power 2100W for group-adaptive loads e.g.: lights, TV, electrical heaters, etc.		
	AC output-B 5 0 / 6 0 H z	inverted output of pure electricity wave	Rated output power 2100W for geist electrical machine loads e.g.: fridges, electrical fans, water pumps, etc.		

### Performance

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