

Components Specifications

No	Item	Quantity	Specs
1	Solar PV Panels	2	Type: Poly-Si, Power: 50W, Max Voltage: 18V, Max Current: 2.9A
2	Battery	2	Type: Gel, Capacity: 600Wh, Max Voltage: 14V, Max Current Capacity: 45Ah
3	DC / AC inverter - Off-Grid	1	Input voltage: DC 12V/ 24V (Optional) Output voltage: AC 220V Or 120V 50/60Hz Output power: 200W USB port output voltage: DC 5V Output waveform: Modified sine wave Low voltage alarm (no load): DC 10.4~11V Low voltage shutdown (no load): DC 9.7~10.3V High voltage shutdown (no load): DC 14.5~15.5V Peak efficiency: >90%
4	DC / AC inverter - On-Grid	1	Micro Inverter 600w, Input Data SP-WVC600-120VAC/230VAC Recommended input power 2x300Watt Recommend the use of PV modules 2x300W/Vmp>30V/Voc<50V Maximum input DC voltage 50V Peak power tracking voltage 22-45V Operating Voltage Range 17-50V Min / Max start voltage 22-50V Maximum DC short current 40A Maximum Input Current 27.2A
5	DC/AC Hybrid Inverter	1	Rated Power: 3KW Adjustable AC input voltage 90~280VAC Supports 50hz or 60hz via LCD progr Total system charging current = AC + SOLAR = MAX 50A Dual priority operation selectable: AC vs. DC mode Works with 24V battery system only transformer less, light weight design RJ45 comm port Transfer time <10ms
6	Charge Controller	1	RBL-10A, Max Voc: 24V (12V), 48V (24V); Max Power: 120W (12V), 240W (24V)
7	AC/DC Converter	1	Size: 46*27*14mm Model Number: Step Down Buck Converter Output Frequency: 96% Output Type: Single Output Power: 1 - 50W Weight: 64gis_customized: Yes Output Current: 3A Input Voltage: DC 8-20V (Recommend 12V) Output Voltage: 5V