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Off-grid Solar System)	
System Basic Information:	<p>Solar Panel Rated Output Power: 6KW</p> <p>Suitable for Max Daily Power Consumption: 30KWH</p> <p>Rated Output AC Capacity: 3KW</p>
Solar Panel 	<p>Type: Crystalline Silicon PV Module Max Power: 250W Vmp: 30.5V; Imp: 8.20A Size: 1650*992*40mm Weight: 20.1kg/pc 25 years power output guarantee (Note: 4pcs panels in series as a string, 6 strings in parallel)</p>
LED Flood Light	<p>Type: LED Flood Light 100W, each 2M one flood light, so on the length of 14M need 7pcs, total of upper and bottom of bannaer need 14pcs, for one banner two sides totally 28pcs Power consumption: 2400W ~2500W Flood Light specification: AC85-265V Lighting angel: 140*80</p>
Controller 	<p>PV Charging Controller 96V 70A; rated 5KW solar input, 96Vdc output; PMW charging type, LCD display, intelligent control. Temperature compensation; Protections: short circuit, deep discharge, input surge voltage, over current.</p>
Inverter 	<p>DC48V input, AC220V/110V 1-phase output, 50/60Hz; Rated Output Capacity: 3000W Pure sine-wave output, off-grid with grid power switch type, with transformer; with charger; inverting efficiency reaching 90%;</p> <ul style="list-style-type: none"> • Protections: Short circuit, overload, surge current, over temperature, over/under voltage, lightning, reverse polarity. <p>Note: This inverter provides grid power switch and battery charging functions.</p>
Circuit Breaker 	<p>Used for protection of controller, installed between PV array combiner and controller</p>
Battery 	<p>12V/200AH per piece Solar special lead-acid battery, fully sealed, deep cycle, free maintenance type Service Life: 5~6 years</p>
Solar Panel Rack 	<p>Roof type mounting rack including complete fittings, aluminum alloy (Rack can be customized per request)</p>
Cables 	<p>International standard, with specification suitable for solar system, RVV series</p>