



SUNKET[®] WUXI SUNKET NEW ENERGY TECHNOLOGY CO., LTD

无锡萨科特新能源科技有限公司

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System requirement instruction 系统名称		SKT-2KW-B off-grid photovoltaic system SKT-2KW-B离网系统		
Design Basis 设计依据		the system DC voltage is set to 48VDC 系统电压: DC48V		
System configuration and offer 系统方案配置及报价				
Item 序列	Part 品名	Specification 规格	Quantity 数量	Remarks 备注
1	Solar panel 组件	SKT-270P-20	6PCS	connection method: 3pcs in string and 2 strings in parallel 连接方法: 3串2并
2	Bracket 组件支架	C-shaped steel C型钢	1SET	hot-dip zinc 热镀锌
3	Inverter with controller built-in (with space to hold batteries) 逆变控制一体机(含电池仓)	SIC-3KVA	1SET	1, Built-in 30A MPPT controller 内置30A MPPT控制器 2, pure sine wave, high frequency output. 高频正弦波输出 3, support grid/Diesel input 支持市电/柴油机输入
4	GEL Battery 胶体电池	GSO12V-150AH	4PCS	total discharge capacity: 5Kwh 总发电量: 5Kwh
5	PV cables with MC4 and Anderson joints (solar panel to inverter) 光伏电缆带MC4和安德森插头(组件到逆变控制一体机)		40M	Free for this length. If the client wants longer cables, the price needs to be confirmed again. 超出部分价格需要另确认
Instructions 说明	1. In rainy days, the battery can support 1000W load work 5hours.		1. 阴雨天该系统可支持1000W负载工作5个小时	
	2. The maximum power load should not exceed 2KW (including inductive load impact: such as refrigerators, air conditioners, washing machines, etc. with motor load). 2. 最大负载功率不能超过2000W(感性负载的启动功率也要考虑进去)			
	3. The battery can be fully charged in 4-5hours under STC sunshine condition.		3.光照充足的情况下, 电池4-5小时可以充满	