YOUR POWER STATION

Includes a PV Hybrid Inverter and Lithium Battery

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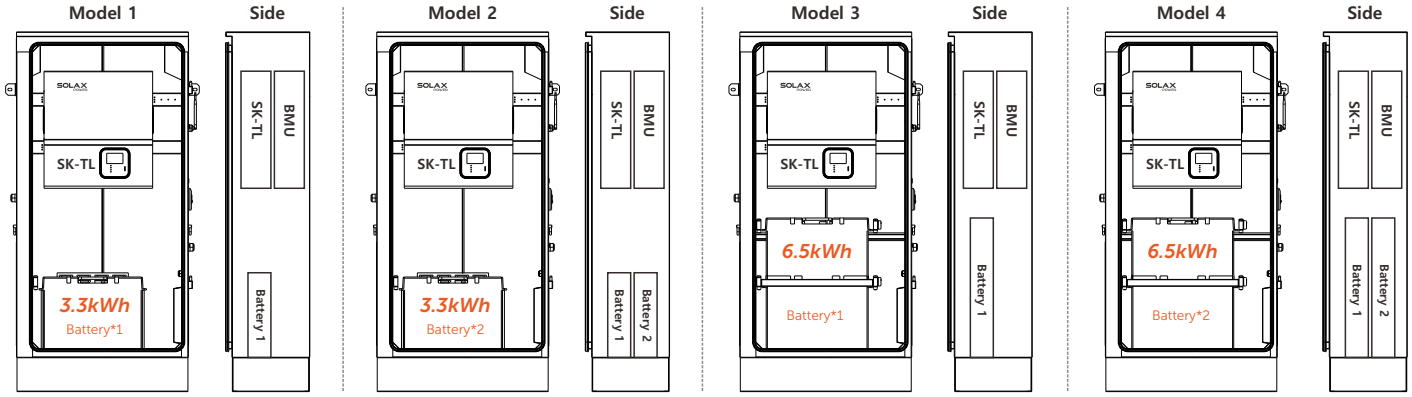
SOLAX POWER

Your Power Station

Your power station consists of one X1-Hybrid inverter (SK-TL) and ***one*** or ***two 3kWh*** or ***6kWh*** batteries.



SK-TL5000E+BMU2500+3.3kWh*1 | SK-TL5000E+BMU5000+3.3kWh*2 | SK-TL5000E+BMU5000+6.5kWh*1 | SK-TL5000E+BMU5000+6.5kWh*2

Battery Specifications

General Information			
Module type		LG rack mount	
Battery type		Li-ion (NMC)	
Components		Battery Cells + BMS + Protection Device (Breaker)	
Performance			
Nominal Capacity[1] [Ah]		63	126
Nominal Energy[1] [kWh]		3.3	6.5
Nominal Voltage [V]		51.8	
Operating Voltage [V]		42~58.8	
Max. Charge/Discharge Current[2] [A]		63	63
Max. Charge/Discharge Power[2] [kW]		3.3	3.3
Continuous Charge/Discharge Power[2][kW]		3.0	3.0
Round-Trip Efficiency [%]		⩾95	
Cooling		Natural convection	
Communication Interface	Protocol	CAN 2.0B or Modbus 485	
	Port	RJ48	
Dry Contact		2Ch (Warning or Fault 1/Fault 2)	
Cabinet Dimensions [mm]		750*1570*367	
Operating Conditions			
Operating temperature range [°C]		-10~45	
Optimal operating Temperature [°C]		15~30	
Storage Temperature [°C]		-30~60	
Self -Discharge Rate During Storage [°C]		Less than 6% per year at 25	
Humidity [%]		5~95	
Altitude [m]		Below 2,000	
Certification			
Certification (SK-TL)		VDE 4105 / AS/NZS4777.2 / C10 11 / EN50438-NL / EN50438-DK / OVE ONORME 8001/ G83,G59 / CEI 0-21	

1 At standard conditions:
- Charge: CC-CV, with 0.3CC, to 58.8V (3.15A cut off) at 25°C
- Discharge: CC, with 0.3CC, to 42V at 25°C

2 It can be de-rated in accordance with the power limit by BMS.

※ Not acceptable to use two kinds of modules mixed

Can be modified without notice.(V1)

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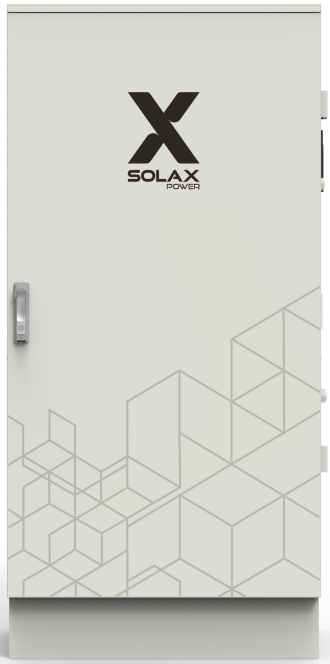
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