



IP54

36cm Thickness

YOUR POWER STATION

Includes a PV Hybrid Inverter and Lithium Battery

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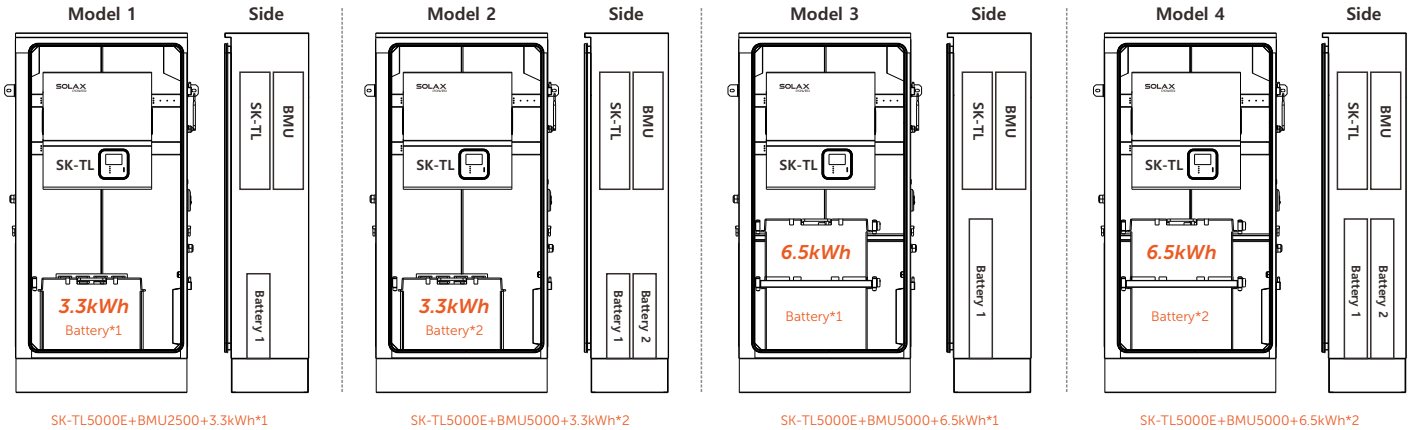
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Your Power Station

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 Protocol	CAN 2.0B or Modbus 485	
Interface 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	
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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