

# NOT ONLY SIMPLE BUT ALSO VERSATILE

Wi-Fi  
WIFI/CABLE



Hybrid Ready Grid  
Connect Inverter.

+



Battery Manager and  
Energy Storage.

Install SolaX Power TL SolaX Inverter, Monitor Energy Patterns With  
Build in Consumption Logger then Add Battery Solution to Suit.

Upgradable

Flexible

Expandable



**SolaX Power Co., Ltd.**

www.solaxpower.com  
E-mail: info@solaxpower.com  
Tel: +86(571)-87979860



## X-Hybrid Ready Grid Connect Inverter

MODEL	SK-TL3000	SK-TL3700	SK-TL5000
<b>► Input (DC)</b>			
Max. recommended DC power [W]	3300	4000	5000
Max. DC voltage[V]	550		
Nominal DC operating voltage[V]	360		
MPPT voltage range [V]	125-530		
Max. input current [A]	12/12	12/12	12/12
Max. short circuit current [A]	15/15	15/15	15/15
Number of MPP trackers	2	2	2
Strings per MPP tracker	1	1	1
<b>► Output (AC)</b>			
AC nominal power [W]	3000	3680	4600
Nominal AC voltage; range [V]	230VAC 50Hz; 180 ~ 270VAC		
AC nominal current [A]	13	16	20
Max. AC current [A]	14.4	16	22.1
Total harmonic distortion (THD)	<3%		
Power factor (rated power)	1		
Displacement Power Factor	0.9 overexcited...0.9 underexcited		
<b>► Efficiency</b>			
MPPT efficiency	99.9%	99.9%	99.9%
Euro-efficiency	97.0%	97.0%	97.0%
Max. efficiency	97.6%	97.6%	97.6%
Standby losses	<3W		
<b>► Display</b>			
LCD	Backlight 16*4 character		
Communication interfaces	Ethernet/Dry contact (wifi optional)		
LED light	4		
Button	4		
<b>► Others</b>			
DC switch	Integrated		
Max No. of supported External expansion	4		
Operating temperature range [°C]	-20 ~+ 50 (derating at 40)		
Storage stability range [°C]	-20 ~ +60		
Altitude [m]	<2000		
Cooling concept	Forced airflow		
Noise emission (typical) [dB]	<40		
Humidity [%]	0 ~ 90 (non-condensing)		
Degree of protection	IP20 (for indoor use)		
Overvoltage category	III (electric supply side),		II (PV side)
EMC	IEC61000-6-1/2/3/4		
Topology	Transformer-less		
Warranty	Standard 5 years		
Dimensions (W / H / D) [mm]	635 x 520 x 150		
Weight [kg]	25		
Certificate	Germany, Australia,Belgium, Netherlands, Denmark, Austria		
Inverter communication	RS485/422/232		
Remote communication	WIFI(802.11B/G/N)Ethernet		

## X-Hybrid Battery Manager Unit

MODEL	SK-BMU1300
<b>► Battery Manager</b>	
Battery type	Lead-acid battery/lithium battery
Battery nominal voltage [V]	48
Charger expansion	support external expansion
Max. charging current [A]	25~100 depend on No. of chaegers
Charging curve	3-stage adaptive with maintenance
Over-current protection/ Over-temperature protection	YES
Communication interfaces	Can/RS232
<b>► Charge</b>	
Max.power[W]	1300
Max.charge current[A]	25
Max.charge e ciency	93%
Depth of discharge	80%(adjustable)
<b>► Discharge</b>	
Max.power[W]	1300
Max.discharge current[A]	25
Max.discharge e ciency	93%
<b>► Others</b>	
Operating temperature range [°C]	-20~+50 (derating at 40)
Storage stability range [°C]	-20~+60
Altitude [m]	<2000
Cooling concept	Forced airflow
Noise emission (typical) [dB]	<40
Humidity [%]	0~90 (non-condensing)
Degree of protection	IP20 (for indoor use)
EMC	IEC61000-6-1/2/3/4
Warranty	Standard 5 years
Dimensions (W / H / D) [mm]	200 x 520 x 150
Weight [kg]	10
Certificate	Germany, Australia,Belgium, Netherlands, Denmark, Austria

