

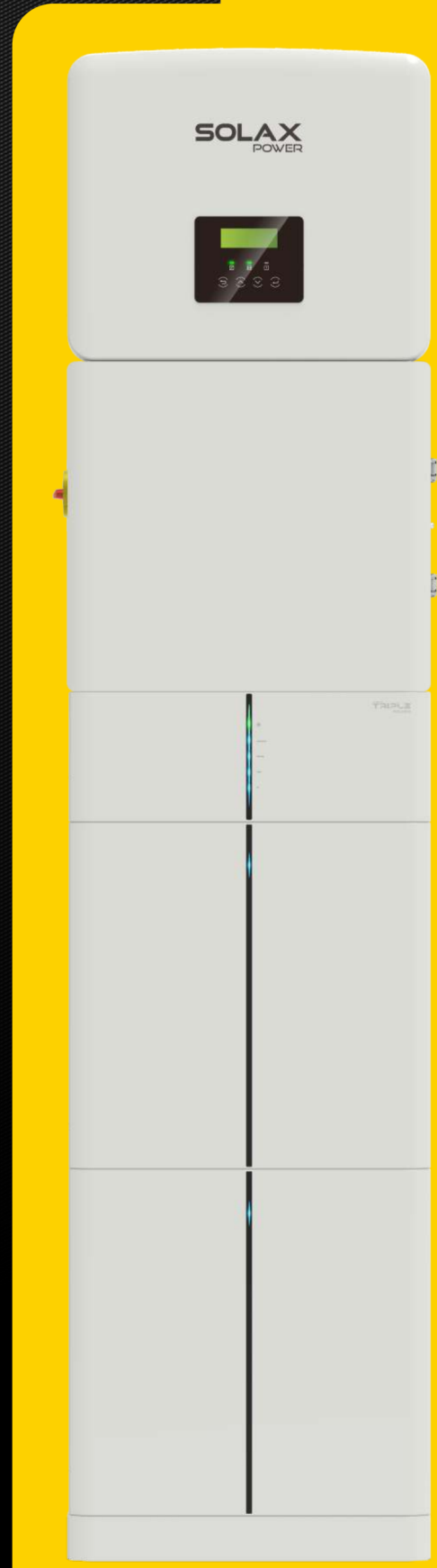


The 4th Generation Energy Storage System from Solax

X-ESS G4

SMARTER DESIGN
SMARTER ENERGY

www.solaxpower.com





X-ESS G4



SUPPORT 150% OVERSIZED PV POWER STORE EXCESS ENERGY TO BATTERY

SolaX's new X-ESS G4 can help you 100% usage of your daily solar energy with excess energy being stored in the Triple Power batteries for night or backup use.



HIGH RELIABILITY

Stable performance in harsh environment

- * Passed the HALT test
- * Extreme high and low temperature test
- * Salt spray test
- * Aging test with full working load



ELEGANT DESIGN

All-in-one home energy system
Blends in beautifully



1 PERSON 30 MINUTES INSTALLATION

Faster and easier installation



FAST BATTERY CHARGING SPEED

X-ESS G4 only takes ONE hour to fully charge the Triple Power battery.

With the shorter charging time, you can store more power in the same time period.



WORKING UNDER EXTREMELY COLD

Working in full load under extreme cold weather-30°C/-22°F

Triple Power 3.0 Battery

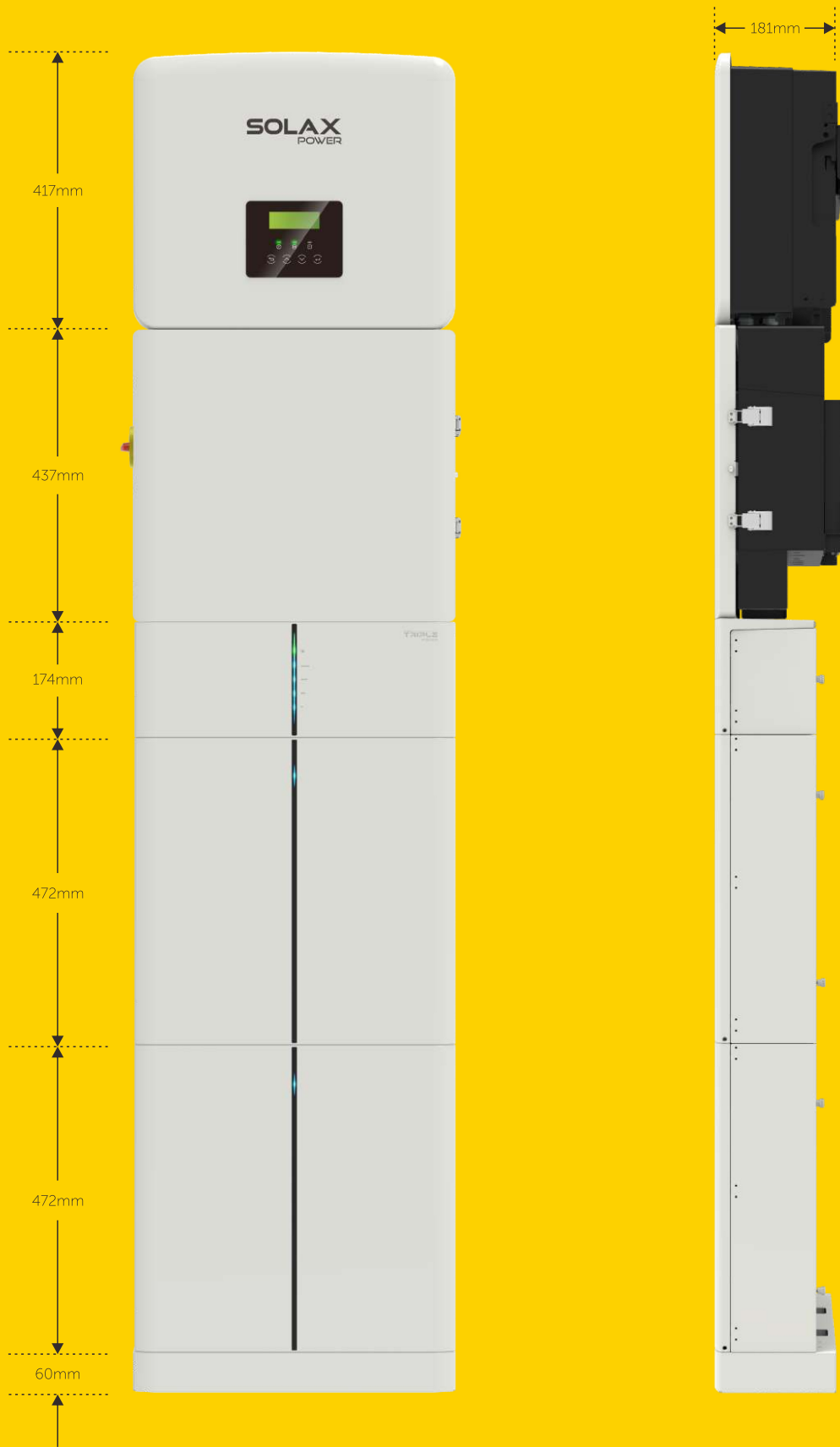
- Safest LiFePO₄ battery (30 Ah)
- Working temperature range:-30~50°C
- Smart temperature balancing
- Cycle life>6000 times
- IP67 protection level
- Less self consumption
- Quick installation
- No toxic heavy metals or caustic materials



	T-BAT H 3.0	T-BAT H 6.0*	T-BAT H 9.0*	T-BAT H 12.0*
Nominal Voltage [V]	102.4	204.8	307.2	409.6
Operating voltage range [V]	90-116	180-232	270-348	360-464
Total energy [kWh]	3.1	6.1	9.2	12.3
Usable energy [kwh]	3.1	6.1	9.2	12.3
Rated Capacity [Ah]			30	
Standard power [kW]	2.55	5.1	7.65	10.2
Max power [kW]	3.1	6.1	10.2	12.3
Recommend charge/discharge current [A]			25	
Maxcharge/discharge current [A]			30	
Faradic charge efficiency			99%	
Battery roundtrip efficiency			95%	
Cycl life [90% DOD]			6000 Cycles	
Expected life time / Warranty [year]			10	
Available charge/discharge temperature range [°C]			-30 to 50	
Storage temperature [°C]		-20 to 55 (3 months)	0 to 40 (1 year)	
Humidity [%]			0~100	
Altitude [m]			Below 4000	
Protection			IP67	
System to Inverter			RS485/CAN2.0	
Battery to battery/BMS			CAN2.0	
Master LED indicator			4LED (25%, 50%, 75%, 100%), 1LED (working mode)	
System Switch (on/off)			Button*1+Breaker*1	
Safety Certificate			CE/TUV Mark/IEC62619/IEC62040/IEC60529	
EMC			61000-6-1/2/3, 61000-3-2/3	
UN number			UN3840	
Hazardous materials classification			Class 9	
Transport testing requirement			UN38.3	
Dimensions(LxWxH) [mm]	MC0600: 482*174*148 HV10230: 482*472*148	MC0600: 482*174*148 HV10230: 482*472*148	MC0600: 482*174*148 HV10230: 482*472*148	Mc0600: 482*174*148 HV10230: 482*472*148
Weight [kg]	MC0600: 7.5kg +HV10230: 33kg	MC0600: 7.5kg +2*HV10230: 66kg	MC0600: 7.5kg +3*HV10230: 99kg	MC0600: 7.5kg +4*HV10230: 132kg

* MC0600:Battery BMS (one MC0600 can be connected 1~4 HV10230)

* HV10230:Battery Pack





SOLAX
POWER







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