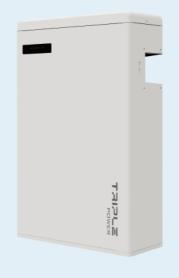
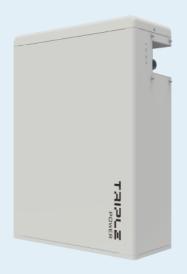
### **High-voltage Battery System**









T-BAT H 5.8 (Master)

T-BAT H 5.8 V2 (Master)

HV11550 / HV11550 V2 (Slave)



#### **High Performance**

- 90% Depth of Discharge (DOD)
- Cycle life > 6000 times



#### **Assured Reliability**

- LiFePO4 battery cell & high-performance processors
- IP65 protection degree
- No toxic heavy metals or caustic materials



#### **Smart Management**

• Remote fault diagnosis, upgrade and maintenance



#### **Flexible Adaptability**

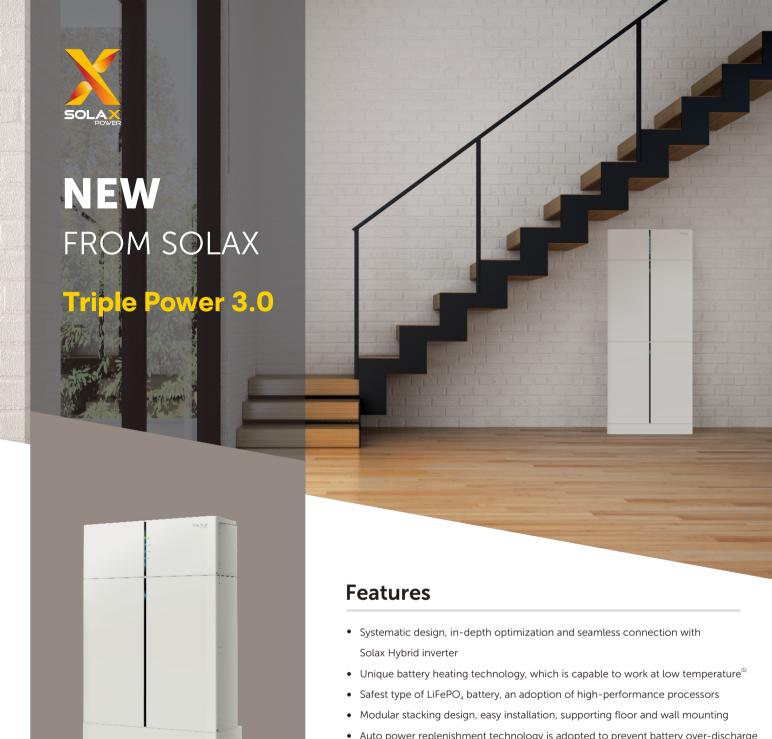
• Floor or wall mounting optional



SOLAX POWER BY PARTNER	T-BAT H 5.8 T-BAT H 5.8 V2	T-BAT H 11.5 T-Bat H 11.5 V2	T-BAT H 17.3 T-BAT H 17.3 V2	T-BAT H 23 T-BAT H 23 V2			
	NOMINAL CHARACTER						
Nominal voltage	115.2 V	230.4 V	345.6 V	460.8 V			
Operating voltage	100 ~ 131 V	200 ~ 262 V	300 ~ 393 V	400 ~ 524 V			
Battery type	Li-ion (LFP)						
Total capacity	5.8 kWh	11.5 kWh	17.3 kWh	23.0 kWh			
Usable capacity <sup>®</sup>	5.1 kWh	10.4 kWh	15.5 kWh	20.7 kWh			
Battery roundtrip efficiency	95%						
Standard power	2.8 kW	5.7 kW	8.6 kW	11.5 kW			
Max power	4.0 kW	8.0 kW	12.0 kW	16.1 kW			
Recommend charge / discharge current	25 A						
Max charge / discharge current	35 A						
Short circuit current	760 A						
Cycle life	> 6000 cycles						
Warranty	10 years						
	ENVIRONMENT REQUIREMENT						
Operating temperature	Charge: 0 ~ 55°C / Discharge: -10 ~ 55°C						
Full-load operating temperature	5~48°C						
Storage temperature	-20 ~ 30°C (12 months) , 30 ~ 55°C (6 months)						
Relative humidity	4 ~ 100% RH (condensing)						
Altitude	< 2000 m						
Ingress protection	IP65						
	COMMUNICATION						
System to inverter	CAN2.0						
Battery to battery / BMS	RS485						
Data collection port / FW update	CAN2.0						
Master control working mode indicator	1 LED						
Master control capacity indicator	4 LED (25%, 50%, 75%, 100%)						
Battery module LED	2 LED						
Reset	Button						
Switch ON / OFF	Button × 1 + breaker × 1						
	STANDARD						
Safety (V1)	CE, IEC 62619, UKCA, VDE2510, JIS-C 8715, UL1973, FCC, REACH						
Safety (V2)	CE, IEC 62040, IEC 62619, UKCA, VDE2510, RoHS, REACH						
JN number	UN3480						
Hazardous materials classification	Class 9						
Transport testing requirement	UN38.3						
	GENERAL						
Dimensions (L × W × H)	474 × 193 × 708 mm	474 × 193 × 708 mm + 474 × 193 × 647 mm	474 × 193 × 708 mm + (474 × 193 × 647 mm) × 2	474 × 193 × 708 mm · (474 × 193 × 647 mm) :			
Weight	72.2 kg	72.2 kg + 68.5 kg	72.2 kg + 68.5 kg × 2	72.2 kg + 68.5 kg × 3			

① Test conditions: 90% DOD, 0.2C charger & discharger @+25°C

- \* X3 Hybrid inverter can connect 2-4pcs of T58 batteries (1pc of T58 master, and rest 1-3pcs of T58 slave)
- \* X1 Hybrid inverter can connect 1-3pcs of T58 batteries (1pc of T58 master, without T58 slave, or with 1-2pcs of T58 slave)
- \* With BMS Parallel Box-II, the maximum battery quantity connected on each inverter varies, please kindly check datasheet of BMS Parallel Box-II
- \* Maximum Charge/Discharge Current may be variant with different inverter models
- \* HV11550 V1 and HV11550 V2 share the same appearance



## **Triple Power 3.0 Battery**

- Auto power replenishment technology is adopted to prevent battery over-discharge
- IP65, supporting indoor and outdoor installation
- Remote fault diagnosis, upgrade and maintenance
- Multiple communication interfaces: RS485, CAN
- International brand devices, better stability
- Long life cycle, more than 6000 times
- Safety Cert. TUV, CE, UN38.3 and so on

[1] With Hybrid G4 inverter

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# **Triple Power 3.0**





	T-BAT-SYS-HV-3.0	T-BAT-SYS-HV-6.0	T-BAT-SYS-HV-9.0	T-BAT-SYS-HV-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]	3.0	6.1	9.2	12.2		
Usable energy <sup>III</sup> [kWh]	2.7	5.5	8.3	10.9		
Rated capacity [Ah]	30					
Nominal power [kW]	2.5	5.1	7.6	10.2		
Max. power [kW]	3.0	6.1	9.2	12.2		
Recommend charge/discharge current [A]	25					
Max. charge/discharge current [A]	30					
Battery roundtrip efficiency	95%					
Cycle 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 50 (3 months)					
Relative humidity [%]	0~100					
Altitude [m]	Below 3000					
Degree of protection	IP65					
Battery to Inverter	RS485/CAN2.0					
Battery to battery/BMS	CAN2.0					
Master control capacity indicator	4LED (25%, 50%, 75%, 100%)					
Master control LED indicator (Working mode)	1 LED					
System switch (on/off)	Buttonx1+Breakerx1					
Certificate	CE/IEC62619/UN38.3/IEC62040/UKCA					
Hazardous materials classification	Class 9					
Dimensions(WxHxD) [mm]	MC0600: 482.5×173.5×153 HV10230: 482.5×471.5×153					
Net weight [kg]	MC0600: 7.5kg +HV10230: 34.5kg	MC0600: 7.5kg +2×HV10230: 69kg	MC0600: 7.5kg +3×HV10230: 103.5kg	MC0600: 7.5kg +4×HV10230: 138kg		

<sup>[1]</sup> Test conditions:90% DOD, 0.2C charger & discharger @+25°C \* MC0600:Master Box (one MC0600 can be connected 1~4 HV10230)

<sup>\*</sup> HV10230:Slave Battery Pack

<sup>\*</sup> Max charge/discharge current may be variant with different inverter models