



T-BAT SYS-HV

- Systematic design, in-depth optimization and seamless connection with Solax Hybrid inverter
- Safest type of LiFePO₄ battery, an adoption of high-performance processors, international brand devices, better stability
- Long life cycle, more than 6000 times
- Safety Cert. TUV, CE, UL, UN38.3 and so on
- Remote fault diagnosis, upgrade and maintenance
- Auto power replenishment technology is adopted to prevent battery over-discharge
- Multiple communication interfaces :RS485, CAN
- Parallel function for expansion, with maximum of 8 pcs
- Floor or wall mounting
- IP55, supporting indoor and outdoor installation



T-BAT H 5.8



HV11550

T-BAT H 5.8

Nominal voltage [V]	115.2
Operating voltage [V]	100~131
Battery type	Li-ion (LFP)
Nominal capacity [kWh]	5.8
Usable capacity [kWh]	5.2
Faradic charge efficiency [%]	99
Battery roundtrip efficiency [%]	95
Nominal power [kW]	2.9
Max. power [kW]	4.0
Recommend charge/Discharge current [A]	25
Max. charge/Discharge current [A]	35
Cycle life [90% DOD]	>6000 Cycles
Warranty [Year]	10
Available operating temperature range [°C]	0~55
Full-load operating temperature range [°C]	5~48
Humidity [%]	5~95 (non condensing)
Altitude [m]	≤2000
Degree of protection	IP55
Battery to inverter	CAN2.0
Battery to battery/BMS	RS485
Master control working mode indicator	1 LED
Master control capacity indicator	4LED (25%, 50%, 75%, 100%)
Battery module LED	2 LED
Reset	Button
Switch ON/OFF	Button*1 + breaker*1
Safety	CE/TUV(IEC62619)/UL1973/FCC/UN38.3/UKCA
UN number	UN3840
Hazardous materials classification	Class 9
Transport testing requirement	UN38.3
Dimensions(LxWxH) [mm]	474*193*708 (T-BAT H 5.8) / 474*193*647 (HV11550)
Net weight [kg]	72.2 (T-BAT H 5.8) / 68.5 (HV11550)

* The Triple Power battery could be scalable up to 4 modules, for a total of 23.0kWh

* T-BAT--Master battery pack / HV11550--Slave battery pack