

TRIPLE POWER

- Safest LiFePO₄ battery
- 100% DOD
- Cycle life > 6000 times
- IP55 protection level
- Floor or wall mounting
- Less self consumption
- Quick installation
- No toxic heavy metals or caustic materials



TRIPLE
POWER

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T-BAT SYS-HV Configuration List

	T-BAT H 5.8	T-BAT H 11.5	T-BAT H 17.3	T-BAT H 23
Nominal Voltage [V]	115.2	230.4	345.6	460.8
Operating Voltage [V]	100-131	200-262	300-393	400-524
Battery Type	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)
Total Capacity [kWh]	5.8	11.5	17.3	23.0
Usable Capacity ^[1] [kWh]	5.2	10.4	15.6	20.7
Faradic Charge Efficiency [%]	99	99	99	99
Battery Roundtrip Efficiency [%]	95	95	95	95
Standard Power [kW]	2.9	5.8	8.7	11.6
Max Power [kW]	3.5	7	10.5	14
Recommend Charge/Discharge Current [A]	25	25	25	25
Max Charge/Discharge Current [A]	35	35	35	35
Short circuit current [A]	1440	1440	1440	1440
Cycle Life	>6000 Cycles	>6000 Cycles	>6000 Cycles	>6000 Cycles
Warranty [Year]	10	10	10	10
Available Operating Temperature Range [°C]	0 to 55			
Full-load Operating Temperature Range [°C]	5 to 48			
Humidity [%]	4 to 100 (condensing)			
Altitude [m]	Below 2000			
Protection	IP55			
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	4LED (25%, 50%, 75%, 100%)			
Battery Module LED	2 LED			
Reset	Button			
Switch ON/OFF	Button*1 + breaker*1			
Safety	CE, RCM, TUV(IEC62619) UL1973,ROHS,REACH			
UN Number	UN3840			
Hazardous Materials Classification	Class 9			
Transport Testing Requirement	UN38.3			
Dimensions(LxWxH) [mm]	474*193*708	474*193*708+474*193*647	474*193*708+(474*193*647)*2	474*193*708+(474*193*647)*3
Weight [kg]	72.2	72.2+68.5	72.2+68.5*2	72.2+68.5*3

[1] Test conditions:100% DOD, 0.5C charger & discharger @ +25°C

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

* Indoor installation only

* System Usable Energy may be variant with different inverter models