

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%	
Cycel 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