

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]	2.79	5.49	8.28	11.07
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%			
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 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