

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

Nominal Voltage [V]	102.4	
Operating voltage range [V]	90-116	
Total energy [kWh]	3.1	
Usable energy [kwh]	3.1	
Rated Capacity [Ah]	30	
Standard power [kW]	2.55	
Max power [kW]	3.1	
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	
Weight [kg]	MC0600: 7.5kg +HV10230: 33kg	

* MC0600:Battery BMS (one MC0600 can be connected 1~4 HV10230)

* HV10230:Battery Pack