



Triple Power 3.0 Battery



Smart Management

- Remote fault diagnosis, upgrade and maintenance
- Unique battery heating tech for low-temperature operation



Assured Reliability

- LiFePO4 battery cell & high-performance processors
- Safety Certifications: CE, UN38.3, etc.
- IP65 protection degree



High Performance

- Cycle life > 6000 times
- High capacity utilization
- Efficient energy transfer



Flexible Adaptability

- Compatible with BMS-Parallel Box-II G2 , up to 2 towers of batteries
- Stackable modules, supporting floor mounting

Triple Power 3.0



	T-BAT H 3.0 T-BAT H 3.0 V2	T-BAT H 6.0 T-BAT H 6.0 V2	T-BAT H 9.0 T-BAT H 9.0 V2	T-BAT H 12.0 T-BAT H 12.0 V2
Nominal voltage	102.4 V	204.8 V	307.2 V	409.6 V
Operating voltage range	90 ~ 116 V	180 ~ 232 V	270 ~ 348 V	360 ~ 464 V
Total energy	3.1 kWh	6.1 kWh	9.2 kWh	12.3 kWh
Usable energy ^①	2.8 kWh	5.5 kWh	8.3 kWh	11.0 kWh
Rated capacity	30 Ah			
Nominal power	2.5 kW	5.1 kW	7.6 kW	10.2 kW
Max. power	3.1 kW	6.1 kW	9.2 kW	12.3 kW
Recommend charge / discharge current	25 A			
Max. charge / discharge current ^②	30 A			
Battery roundtrip efficiency	95%			
Cycle life [90% DOD]	6000 cycles			
Expected life time / warranty	10 years			
Operating temperature	Without heating: charge: -20 ~ 50°C, discharge: 0 ~ 50°C / With heating: charge: -30 ~ 50°C, discharge: -30 ~ 50°C			
Storage temperature	-20 ~ 30°C (12 months) 30 ~ 50°C (6 months)			
Relative humidity	4 ~ 100% RH (condensing)			
Altitude	< 3000 m			
Ingress protection	IP65			
Battery to inverter	RS485 / CAN2.0			
Battery to battery / BMS	CAN2.0			
Master control capacity indicator	4 LED (25%, 50%, 75%, 100%)			
Master control LED indicator (working mode)	1 LED			
System switch (on / off)	Button × 1 + Breaker × 1			
Safety	CE, IEC62619, IEC62040, UKCA, VDE2510, RoHS			
UN number	UN3480			
Hazardous materials classification	Class 9			
UN transportation testing requirements	UN 38.3			
Dimensions (W × H × D)	MC0600: 482.5 × 173.5 × 153 mm HV10230: 482.5 × 471.5 × 153 mm			
Net weight	MC0600: 7.5 kg + HV10230: 34.5 kg	MC0600: 7.5 kg + 2 × HV10230: 69 kg	MC0600: 7.5 kg + 3 × HV10230: 103.5 kg	MC0600: 7.5 kg + 4 × HV10230: 138 kg

① Test conditions: 90% DOD, 0.2C charger & discharger @+25 °C

② Max. charge / discharge current may be variant with different inverter models