

TRIPLE POWER



- 100% DOD
- 99% Faradic charge efficiency
- 95% Battery roundtrip efficiency

- Cycle life > 6000 times
- Secondary Protection by hardware
- IP55 protection level

- Safety & Reliability
- Small occupied area
- Floor or wall mounting

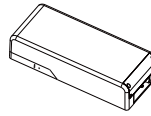
Global: +86 571-56260011

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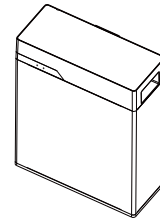
Only for the rendering, please install it follow the user manual.



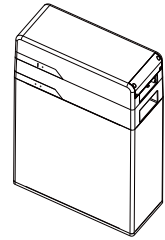
TRIPLE POWER



BMS
MC0500
461*189*105mm



Battery Module
HV10040/HV10056
464*193*588mm



T-BAT SYS-HV
BMS+battery module(s)
464*193*693

	MC0500	HV10040	HV10056
Nominal Voltage(Vdc)	/	100.8	100.8
Operating Voltage(Vdc):	70-500	85-118	85-118
Nominal Capacity(Ah):	/	40	56
Max. charge/discharge Current(A) :	30	30	30
Recommend Charge/Discharge Current (A):	25	25	25
Standard Power(kW)	/	2.5	2.5
Maximum Power(kW)	/	3	3
Dimension (mm)	461*189*105	464*193*588	464*193*588
Weight (kg)	5.7	56.6	67.5
Faradic Charge Efficiency(25°C/77°F) (%)		99	
Battery Roundtrip Efficiency(C/3,25°C/77°F) (%)		95	
Expected Lifetime(25°C/77°F) (year)		5	
Cycle life(100% DOD,25°C/77°F)		6000	
Available Operating Temperature (°C)		0--40	
Optimal Operating Temperature (°C)		15--30	
Storage Temperature (°C)		-20--60	
Ingress Protection		IP55	
Scalability		Up to 4 modules(HV10040/10056)	
Certifications	T-BAT system safety	CE, FCC, RCM, TUV (IEC 62619), UL 1973	
	Battery cell safety	UL 1642	
	UN number	UN 3480	
	Hazardous materials classification	Class 9	
	UN transportation testing requirements	UN 38.3	

T-BAT SYS-HV Configuration List

Model	BMS	Battery Module	Energy(kWh)	Voltage (V)
T-BAT H4.0	MC0500*1	HV10040*1	4	85-118
T-BAT H8.0	MC0500*1	HV10040*2	8	170-236
T-BAT H12.0	MC0500*1	HV10040*3	12	255-354
T-BAT H16.0	MC0500*1	HV10040*4	16	340-472
T-BAT H5.6	MC0500*1	HV10056*1	5.6	85-118
T-BAT H11.2	MC0500*1	HV10056*2	11.2	170-236
T-BAT H16.8	MC0500*1	HV10056*3	16.8	255-354
T-BAT H22.4	MC0500*1	HV10056*4	22.4	340-472

**The Triple power contains battery control modules and can hold up to 4 battery modules. It can have up to 22.4kWh of storage. Please do not use two kinds of modules mixed.*

**Can be modified without notice.(V2)*