T-BAT-SYS-HV-5.8

	T-BAT H 5.8 T-BAT H 5.8 V2	T-BAT H 11.5 T-BAT H 11.5 V2	T-BAT H 17.3 T-BAT H 17.3 V2	T-BAT H 23 T-BAT H 23 V2
NOMINAL CHARACTER				
Nominal Voltage [V]	115.2	230.4	345.6	460.8
Operating Voltage [V]	100-131	200-262	300-393	400-524
Battery Type	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)
Total Capacity [kWh]	5.8	11.5	17.3	23.0
Usable Capacity[1] [kWh]	5.1	10.4	15.5	20.7
Battery Roundtrip Efficiency [%]	95	95	95	95
Standard Power [kW]	2.8	5.7	8.6	11.5
Max Power [kW]	4.0	8.0	12.0	16.1
Recommend Charge/Discharge Current [A]	25	25	25	25
Max Charge/Discharge Current [A]	35	35	35	35
Short Circuit Current[A]	760	760	760	760
Cycle Life	>6000 Cycles	>6000 Cycles	>6000 Cycles	>6000 Cycles
Warranty [Year]	10	10	10	10
ENVIRONMENT REQUIREMENT				
Available Operating Temperature Range [°C]	0 to 55			
Full-load Operating Temperature Range [°C]	5 to 48			
Relative Humidity [%]	4 to 100 (condensing)			
Altitude [m]	Below 2000			
Ingress Protection	IP65			
COMMUNICATION				
System to Inverter	CAN2.0			
Battery to Battery/BMS	RS485			
Data Collection Port /FW UPDATE	CAN2.0			
Master Control Working Mode Indicator	1 LED			
Master Control Capacity Indicator	4LED (25%, 50%, 75%, 100%)			
Battery Module LED	2 LED			
Reset	Button			
Switch ON/OFF	Button×1 + breaker×1			
STANDARD				
Safety (V1)	CE, IEC 62619, UKCA, VDE2510, JIS-C 8715, UL1973, FCC, REACH			
Safety (V2)	CE, IEC 62040, IEC 62619, UKCA, VDE2510, RoHS, REACH			
UN Number	UN3480			
Hazardous Materials Classification	Class 9			
Transport Testing Requirement	UN38.3			
GENERAL				
Dimensions(LxWxH) [mm]	474x193x708	474x193x708+474x193x647	474x193x708+(474x193x647)x2	474x193x708+(474x193x647)x3
Weight [kg]	72.2	72.2+68.5	72.2+68.5x2	72.2+68.5x3

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

* X3 Hybrid inverter can connect 2-4pcs of T58 batteries(1pc of T58 master, and rest 1-3pcs of T58 slave).
* X1 Hybrid inverter can connect 1-3pcs of T58 batteries(1pc of T58 master, without T58 slave, or with 1-2pcs of T58 slave).
* With BMS Parallel Box-II, the maximum battery quantity connected on each inverter varies, please kindly check datasheet of BMS Parallel Box- II.
* Maximum Charge/Discharge Current may be variant with different inverter models
* HV11550 V1 and HV11550 V2 share the same appearance.