



**TRIPLE**  
POWER



# Triple Power & X1-AC

**Specification sheets**  
**June 2021**

# T-BAT SYS–HV configuration list

## T-BAT H 5.8 (T58)

Nominal Voltage [V DC]	115.2
Operating Voltage [V DC]	100-131
Battery Type	Li-ion (LFP)
Nominal Capacity [kWh]	5.8
Faradic Charge Efficiency [%]	99
Battery Roundtrip Efficiency [%]	95
Standard Power [kW]	2.9
Max Power [kW]	4.0
Recommend Charge/Discharge Current [A]	25
Maxcharge/Discharge Current [A]	35
Warrantied Energy Throughput	17.3mWh
Warranty [Years]	15
Available Operating Temperature Range [°C]	0 to 55
Full-Load Operating Temperature Range [°C]	5 to 48
Humidity [%]	4 to 100 (Condensing)
Altitude [m]	Below 2000
Protection	IP55
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
Safety	CE, RCM, TUV (IEC62619) UL1973,ROHS,REACH
UN Number	UN3840
Hazardous Materials Classification	Class 9
Transport Testing Requirement	UN38.3
Dimensions (L x W x H) [mm] with BMS (T-BAT H 5.8)	474 x 193 x 708
Dimensions (L x W x H) [mm] without BMS (HV11550)	474 x 193 x 647
Weight [kg] with BMS (T-BAT H 5.8)	72.2
Weight [kg] without BMS (HV11550)	68.5

\*The Triple Power battery could be scalable up to 3 modules on 1 phase, for a total of 17.4kWh.

# XI-AC

## XI-AC – 3.6kW

### OUTPUT (AC)

Nominal AC Power [VA]	3680
Max. Apparent AC Power [VA]	3680
Rated Grid Voltage (range) [V]	220/230/240 (180 to 280)
Rated Grid Frequency [Hz]	50/60
Nominal AC Current [A]	16
Max. AC Current [A]	16
Max. Overcurrent Protection [A]	45
Displacement Power Factor	0.8 leading to 0.8 lagging
Load Control	Optional
THDi, Rated Power	<2

### INPUT (AC)

Nominal AC Power [VA]	3680
Max. Apparent AC Power [VA]	3680
Rated Grid Voltage (range) [V]	220/230/240 (180 to 280)
Rated Grid Frequency [Hz]	50/60
Nominal AC Current [A]	16
Max. AC Current [A]	16
Max. Short Current (Isc) [A]	45
Displacement Power Factor	0.8 leading to 0.8 lagging

### BATTERY

Battery Type	Lithium/Lead-acid battery
Battery Voltage Range [V]	70-400
Recommended Battery Voltage [V]	300
Rated Charge/Discharge Current [A]	25
Max. Charge/Discharge Current [A]	35
Communication Interfaces	CAN/RS485
Reverse Connect Protection	Yes

### GENERAL DATA

Dimensions (W x H x D) [mm]	430 x 341.5 x 143
Net Weight [kg]	15.5
Gross Weight [kg]	16.5
Operating Temperature Range [C]	-20~+60 (derating at 45)
Ingress Protection	IP65
Cooling	Natural Convection
Inverter Topology	Transformerless
Certification	G98/G99