

# TRIPLE POWER

- Safest LiFePO<sub>4</sub> battery
- 90% DOD
- Cycle life > 6000 times
- IP55 protection level
- Floor or wall mounting
- Less self consumption
- Quick installation
- No toxic heavy metals or caustic materials



**TRIPLE**  
POWER

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## T-BAT SYS-HV Configuration List

### T-BAT H 5.8

|                                              |                                                   |
|----------------------------------------------|---------------------------------------------------|
|                                              |                                                   |
| Nominal Voltage [V]                          | 115.2                                             |
| Operating Voltage [V]                        | 100-131                                           |
| Battery Type                                 | Li-on (LFP)                                       |
| Nominal Capacity [kWh]                       | 5.8                                               |
| Usable Capacity [kWh]                        | 5.2                                               |
| Faradic Charge Efficiency [%]                | 99                                                |
| Battery Roundtrip Efficiency [%]             | 95                                                |
| Standard Power [kW]                          | 2.9                                               |
| Max Power [kW]                               | 4.0                                               |
| Recommend Charge/Discharge Current [A]       | 25                                                |
| Max Charge/Discharge Current [A]             | 35                                                |
| Cycle Life [90% DOD]                         | >6000 Cycles                                      |
| Warranty [Year]                              | 10                                                |
|                                              |                                                   |
| 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(LxWxH) [mm]                       | 474*193*708 (T-BAT H 5.8) / 474*193*647 (HV11550) |
| Weight [kg]                                  | 72.2 (T-BAT H 5.8) / 68.5 (HV11550)               |

\*The Triple Power battery could be scalable up to 4 modules, for a total of 23.2kWh.