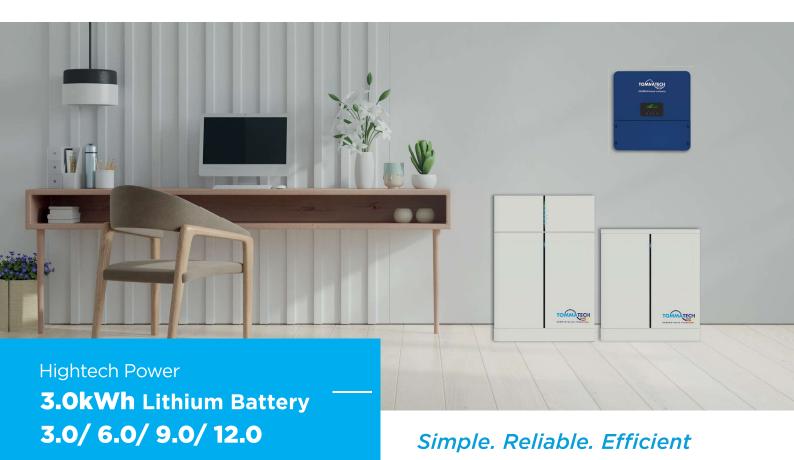
3.0kWh Lithium Battery







3 Phase / 1 Phase



High Efficiency



Remote Monitoring



IP67 Rated





Lithium Battery 3.0/ Lithium Battery 6.0/ Lithium Battery 9.0/ Lithium Battery 12.0

Maximize your solar benefits with our durable and scalable battery solutions. The safest LiFePO $_4$ technology ensures long term and high-performing operation with more than 6000 life cycles at 90% DoD with marginal self-consumption. Up to 4 of our TT-3.0kWh batteries can be equipped effortlessly with a BMS for maximal customization.

3.0kWh Lithium Battery



MODEL	3.0 kWh	6.0 kWh	9.0 kWh	12.0 kWh	
Uno-Hybrid 3.0T / 3.7T / 4.6T / 5.0T	Storage Manager + TT 3.0 kWh	Storage Manager	Storage Manager	Not Suitable	
Trio-Hybrid 5.0T / 6.0T / 8.0T / 10.0T	Not Suitable	2 x TT 3.0 kWh	+ 3 x TT 3.0 kWh	Storage Manager + 4 x TT 3.0 kWh	
Battery	30Ah Lithium(LFP)	30Ah Lithium(LFP)	30Ah Lithium(LFP)	30Ah Lithium(LFP)	
Nominal Voltage [V]	102.4	204.8	307.2	409.6	
Operating Voltage Range [V]	90-116	180-232	270-348	360-464	
Battery Module	Modulex1	Modulex2	Modulex3	Modulex4	
Rated Capacity [Ah]	Modulexi		30 Modulex3	Modulex4	
Total Energy [kWh]	3.1	6.1	9.2	12.3	
Usable Energy [kWh]	3.1	6.1	9.2	12.3	
Faradic Charge Efficiency	5.1 6.1 9.2 12.3				
Battery Roundtrip Efficiency [%]					
Standard Power [kW]	 2.55	5.1	7.65	10.2	
Recommend Charge / Discharge Current [A]				10.2	
Max Charge / Discharge Current [A]					
Cycle Life [%90 DOD]					
Warranty					
Available Charge / Discharge Temperature [°C]					
Storage Temperature [°C]	_	0°C ~ 40°C (1 Year)			
Storage remperature [C]	-20°C ~ 55°C (3 Months)				
Humidity [%]	0 ~ %100				
Altitude [m]	Below 4000m				
Protection					
	- <u>IPO/</u> RS485/CAN2.0				
System to Inverter	CAN2.0				
Battery to Battery / BMS					
Master Control LED Indicator Working	4LED (25%, 50%, 75%, 100%)				
Master Control Capacity Indicator	4155			4150	
Battery Module LED	1 LED	2 LED	3 LED	4 LED	
Switch On / Off	Buton x 1 + Breaker x 1				
Safety Certificate	CE, TUV (IEC62619), MSDS				
Un Number	UN3840				
Hazardous Materials Classification					
Transport Testing Requirement	_	UN	38.3		
Physical Characteristics					
Dimensions (WxLxH) [mm]	Storage Manager: 482x174x148	Storage Manager: 482x174x148	Storage Manager: 482x174x148	Storage Manager: 482x174x14	
	TT 3.0 kWh: 482x472x148	+2 x TT 3.0 kWh: 482x472x148	+3 x TT 3.0 kWh: 482x472x148	+4 x TT 3.0 kWh: 482x472x14	
Weight [kg]	Storage Manager: 7.5kg	Storage Manager: 7.5kg	Storage Manager: 7.5kg	Storage Manager: 7.5kg	
	+ TT 3.0 kWh: 33kg	+2 x (TT 3.0 kWh: 33kg) = 66kg	+3 x (TT 3.0 kWh: 33kg) = 99kg	+4 x (TT 3.0 kWh: 33kg) = 132k	

^{*}The data and technical specifications specified in this document are for preliminary information and may vary depending on the usage method of the products, system design and ambient conditions.