

# Hightech Power 3kWh Lithium Battery

## Next Generation Storage Manager System

### 3.0 kWh / 6.0 kWh / 9.0 kWh / 12.0 kWh



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 + TT 3.0 kWh	Storage Manager + TT 3.0 kWh	Storage Manager + TT 3.0 kWh
Trio-Hybrid 5.0T / 6.0T / 8.0T / 10.0T	Not suitable	Storage Manager + 2*TT 3.0 kWh	Storage Manager + 3*TT 3.0 kWh	Storage Manager + 4*TT 3.0 kWh
Battery	30Ah Lithium(LFP)	30Ah Lithium(LFP)	30Ah Lithium(LFP)	30Ah Lithium(LFP)
Voltage	102.4	204.8	307.2	409.6
Operating voltage range [v]	90-116	180-232	270-348	360-464
Battery Module	Module	Module*2	Module*3	Module*4
Rated Capacity[Ah]	30			
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	99%			
Battery roundtrip efficiency	95%			
Standard power [kw]	2.55	5.1	7.65	10.2
Recommend charge/discharge current [A]	25			
Maxcharge/discharge current [A]	30			
Cycle life[90% DOD]	6000 Cycles			
Expected life time	10Year			
Available charge/discharge temperature [°C]	-30°C to 55°C			
Storage temperature[°C]	-20°C to 55°C (3 months) 0°C to 40°C (1 year)			
Humidity[%]	0~100%			
Altitude	Below 4000m			
Protection	IP67			
System to Inverter	RS485/CAN2.0			
Battery to battery/BMS	CAN2.0			
Master control LED Indicator Working	1 LED			
Master control Capacity indicator	4LED (25%, 50%, 75%, 100%)			
Battery module LED	1LED	2LED	3LED	4LED
Switch on/off	Button*1+breaker*1			
Safety Certificate	CE, TUV(IEC62619), MSDS			
UN number	UN3840			
Hazardous materials classification	Class 9			
Transport testing requirement	UN38.3			
<b>GENERAL</b>				
Demensions (LxWxH) [mm]	Storage Manager:482*174*148 TT 3.0 kWh: 482*472*148	Storage Manager:482*174*148 TT 3.0 kWh: 482*472*148	Storage Manager:482*174*148 TT 3.0 kWh: 482*472*148	Storage Manager:482*174*148 TT 3.0 kWh: 482*472*148
Weight [kg]	Storage Manager: 7.5kg + TT 3.0 kWh: 33kg	Storage Manager: 7.5kg +2* TT 3.0 kWh: 66kg	Storage Manager: 7.5kg +3* TT 3.0 kWh: 99kg	Storage Manager: 7.5kg +4* TT 3.0 kWh: 132kg

xBu dokümanda belirtilen veriler ve teknik özellikler ön bilgilendirme amaçlı olup, ürünlerin kullanım şekli, sistem tasarımı ve ortam koşullarına göre değişiklik gösterebilir.