



Hightech Power
5.8 kWh Lithium Battery
5.8/ 11.5/ 17.3/ 23.0

Simple. Reliable. Efficient.



3 Phase /
1 Phase



High
Efficiency



Remote
Monitoring



IP55
Rated



LiFePO₄
Technology



Lithium Battery 5.8/ Lithium Battery 11.5/ Lithium Battery 17.3/ Lithium Battery 23.0

Maximize your solar benefits with our durable and scalable battery solutions. The safest LiFePO₄ technology ensures long term and high-performing operation with more than 6000 life cycles at 90% DoD with marginal self-consumption. Our GeneralPacks with inbuilt BMS can effortlessly be upgraded with up to 3 BoosterPacks to increase backup times and savings.



MODEL	5.8 kWh	11.5 kWh	17.3 kWh	23.0 kWh
Uno-Hybrid-K 3.0T / 3.7T / 5.0T / 6.0T / 7.5T	General Pack	General Pack + Booster Pack	General Pack + 2 x Booster Pack	Not Suitable
Trio-Hybrid-K 5.0T / 6.0T / 8.0T / 10.0T / 12.0T / 15.0T	Not Suitable	General Pack + Booster Pack	General Pack + 2 x Booster Pack	General Pack + 3 x Booster Pack
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 [kWh]	5.2	10.4	15.6	20.7
Faradic Charge Efficiency [%]	99	99	99	99
Battery Roundtrip Efficiency [%]	95	95	95	95
Standard Power [kW]	2.9	5.8	8.7	11.6
Max Power [kW]	3.5	7	10.5	14
Recommended Charge / Discharge Current [A]	25	25	25	25
Max Charge / Discharge Current [A]	35	35	35	35
Short Circuit Current [A]	1440	1440	1440	1440
Cycle Life	>6000 Cycles	>6000 Cycles	>6000 Cycles	>6000 Cycles
Warranty [Year]	10	10	10	10
Available Operating Temperature Range [°C]			0 ~ 55	
Full-Load Operating Temperature Range [°C]			5 ~ 48	
Humidity [%]			4 ~ 100 (Condensing)	
Altitude [m]			2000	
Protection			IP55	
System to Inverter			CAN2.0	
Battery to Battery/BMS			RS485	
Data Collect on 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			Buton	
Physical Characteristics				
Dimensions (WxLxH) [mm]	474x193x708	(474x193x708)+(474x193x647)	(474x193x708)+2x(474x193x647)	(474x193x708)+3x(474x193x647)
Weight [kg]	72.2	72.2 + 68.5	72.2 + 2x68.5	72.2 + 3x68.5

*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.