



BATTERY

PRODUCT MODEL

■ H02



HIGH INTELLIGENCE

- Online cycle lifetime forecast;
- Online monitoring, online diagnosis, online service.



HIGH SAFETY

- Vehicle-level redundant protection;
- Multiple hardware and firmware protection.

BATTERY MODEL	H02-10	H02-15	H02-20	H02-25	H02-30	H02-35	H02-40	H02-45	H02-50	H02-60
ELECTRICAL DATA										
Battery Capacity	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh	61.44kWh
Usable Capacity	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh	61.44kWh
Depth of Discharge (DoD)	100%									
Operating Voltage	86.4-116.8V	129.6-175.2V	172.8-233.6V	216-292V	259.2-350.4V	302.4-408.8V	345.6-467.2V	388.8-525.6V	432-584V	518.4-700.8V
Nominal Voltage	102.4V	153.6V	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V	614.4V
Rated power	5.12kW	7.68kW	10.24kW	12.8kW	15.36kW	17.92kW	20.48kW	23.04kW	25.6kW	30.72kW
Internal Resistance	<45mΩ									
Cycle Lifetime	6000									
Nominal Charging / Discharging Current	50 / 50A									
Max.Charging / Discharging Current	63 / 63A									
GENERAL DATA										
Battery Type	LFP									
Charge / Discharge Temperature	Charge: 0℃~52℃ / Discharge: -20℃~60℃									
Operating Temperature	0℃~45℃									
Relative Humidity	0~95% (No Condensing)									
Weight	116kg	167kg	218kg	269kg	320kg	371kg	422kg	473kg	524kg	626kg
Dimensions (W*D*H)(mm)	590*220*930	590*220*1263	1282*220*930	1282*220*930	1282*220*1263	1970*220*1263	1970*220*1263	1970*220*1263	2660*220*1263	2660*220*1263
Protection Degree	IP65									
Series	2~12 in series									
Communication	CAN / RS-485 (Optional)									
Design Lifetime (25℃)	120 months									
CERTIFICATE										
Transportation	UN38.3									
Safety Regulation	IEC 62619: 2022, IEC 62040-1:2019									
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4									

Note: Specifications are subject to change without advance notice.

Made In China