LITHIUM BATTERY MODULE ES100 II



MODELS	ES100 II
Nominal Voltage(V)	48
Work Voltage Range(V)	42~54,75
Nominal Capacity(Ah)	105
Nominal Energy(kWh)	5,04
Max Power(kW)	5,04
2S Peak Power(kW)	5,76
2S Peak Current(A)	120
Charging Current(A)	52,5
Maximum Charging Current (A)	105
Discharge Current (A)	52,5
Maximum Discharging Current (A)	105
Cycle life	90%DOD, 6000 cycles life
Operating temperature	Discharge: -20℃~+55℃
	Charge: 0℃~+55℃
Recommended Operating Temperature	Discharge: +15℃~+30℃
	Charge: +15℃~+30℃
	Storage: 0℃~+35℃
Altitude	<2000m
Humidity	15%~95%
Cooling method	Natural heart dissipation
Protection Degree	IP20
Dimension (mm) (L*W*H)	482,6*450*133,4
Weight (kg)	40
Standards	IEC62619 / CE / UN38,3

- Capacity:5.04KWh
- up to 32 modules in parallel
- Automatically assign the communication address of the slave modules
- 6000 cycles at 90% DOD
- fully compatible with leading inverters brands
- Safe lithium iron phosphate battery cell

