

# 20.16kWh Lithium Batteries

## Power Rack 20

IP65



**4xES100:** 420Ah-20.16kWh

- For Installation 4 PCS 5.04kWh Lithium Battery modules
- The cabinet supports stack installation (up to 2x20.16kWh=40.32kWh)

# Power Rack 20 Specifications

Model	Power Rack 20
Dimension (mm)	570*600*800
Weight (kg)	43kg Rack Cabinet+84kg Battery Modules=127kg
Capacity (Ah)	420
Capacity (kWh)	20.16
Battery Type	<b>ES100 Lithium Battery Model</b>

# ES100 Module Specifications

Model	ES100
Capacity (kWh)	5.04
Capacity(Ah)	105
Voltage(Vdc)	48
Work Voltage Range(Vdc)	42~54.75
Charge Voltage (Vdc)	53.5
Charging/ Discharging Current(A)	52.5
Maximum Charging/Discharging Current (A)	105
2S Peak Current(A)	120
2S Peak Power(kW)	5.76
Cycle Life	6000 Cycles life, 90%DOD
Communication	CAN, RS485
Protection Degree	IP20
Weight (kg)	41
Dimension (mm)(L*W*H)	482*445*133

Model	ES100
Operating temperature	Discharge: -20°C~+55°C
	Charge: 0°C~+55°C
Recommended Operating Temperature	Discharge: +15°C~+35°C
	Charge: +15°C~+35°C
	Storage: -20°C~+35°C
Altitude	<4000m
Humidity	5%~95%
Cooling method	Natural heat dissipation
CE	EN 61000-6-1:2007, EN IEC 61000-6-2:2019, EN 61000-6-3:2007+A1:2011/AC:2012, EN IEC 61000-6-4:2019
Safety	UN38.3