

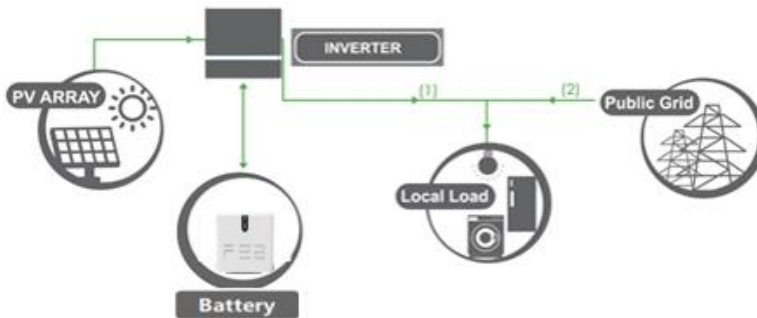


## Low Voltage Energy Storage Battery LV5120-W Series Specification



# Application

Be specially designed for multiple energy storage application scenarios including household, data center, and commercial building, bank, hospital, school, railway station, airport and telecom, etc.



# Feature



# Advantages

- ① Long Design Life
- ② Multiple Protection
- ③ Modular Design
- ④ Dekra Certification
- ⑤ Scalable & Flexible
- ⑥ Easy Maintenance

# Specification

No.	Items	Specification
1	Product Name	Rechargeable Lithium Iron Phosphate Battery
2	Module Model	LV5120-W1
3	Battery Type	LFP 2P16S
4	Nominal Capacity	5.12kWh
5	Usable Capacity	4.86kWh (95% DOD)
6	Nominal Voltage	51.2V
7	Working Voltage	45.6~57.6V
8	Charging Voltage	56V
9	Max. Charge Current	50A
10	Max. Discharge Current	100A
11	Communication	RS485, CAN
12	Storage Temperature	0°C ~ 45°C (Recommended)
13	Storage Humidity	≤85% (RH)
14	Working Temperature	Charging: -10°C ~ 50°C Discharging: -20°C ~ 50°C
15	Working Humidity	≤95% (RH) No Condensation
16	Working Altitude	≤2000m
17	Ingress Protection	IP55
18	Protective Class	I
19	Weight	~45kg
20	Dimension(W*D*H)	510mm*385mm*175mm
21	Design Life	15Years (25°C)
22	Cycle Life	> 6000 (25°C) ,60% EOL
23	Scalability	Max. 8 in parallel (40.96Kwh)
24	Certification	CE, IEC62619, IEC/EN 61000-6-1/3, UN38.3



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