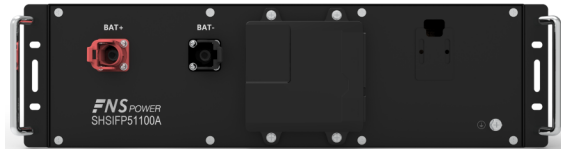


Lithium-ion Battery Module

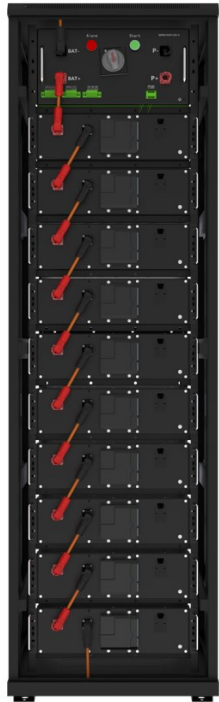


Specialty

- Safe, reliable and long life
- Standardized design, modular splicing
- Prefabricated intelligent BMS

| Specification | |
|---------------------------------------|--------------------------|
| Battery Module | SHSIFP51100A |
| Anode Material | LFP |
| Voltage Range (V) | 43.2~58.4 |
| Cell Type | 3.2V100Ah |
| Rated Voltage (V) | 51.2 |
| Rated Capacity (Ah) | 100 |
| Max Charge/Discharge Current (A) | 100 |
| Standard Charge/Discharge Current (A) | 50 |
| Cycles(25°C,0.5C/1C,80%DOD) | >4000 |
| Operating Temperature (°C) | 0~45 |
| Working Humidity | <95%R.H(no-condensation) |
| Dimensions (W*D*H,mm) | 440*460*133 |
| Protection Class | IP20 |
| Battery Weight (kg) | 43.5 |
| Certifications | UL/CE/UN38.3 |

Battery Cluster



| Specification | | |
|---------------------------------------|---------------------------|---------------------------|
| Cluster Type | SHSIFP512V100A | SHSIFP512V200A |
| Anode Material | LFP | LFP |
| Nominal Energy (kWh) | 51.2 | 102.4 |
| Nominal Voltage (V) | 512 | 512 |
| Voltage Range (V) | 432~576 | 432~576 |
| Rated Capacity (Ah) | 100 | 200 |
| Max Charge/Discharge Current (A) | 100 | 200 |
| Standard Charge/Discharge Current (A) | 50 | 100 |
| Cycles (25°C,0.5C/1C,80%DOD) | >4000 | >4000 |
| Working Temperature (°C) | 0~45 | 0~45 |
| Recommend Operating Temperature (°C) | 15~35 | 15~35 |
| Working Humidity | <95%R.H(no-condensation) | <95%R.H(no-condensation) |
| Dimensions(W*D*H,mm) | 600*800*2000 | 2*600*800*2000 |
| Protection Class | IP20 | IP20 |
| Battery Module | SHSIFP51100A | SHSIFP51100A |
| Number of Modules | 10 | 20 |

Note: the number of modules can be adjusted according to different projects .

Specialty

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- Standardized design, modular splicing
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Battery Cluster



Specialty

- Safe, reliable and long life
- Standardized design, modular splicing
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| Specification | | |
|---------------------------------------|----------------------------|----------------------------|
| Cluster Type | SHSIFP768V100A | SHSIFP768V200A |
| Anode Material | LFP | LFP |
| Nominal Energy (kWh) | 76.8 | 153.6 |
| Nominal Voltage (V) | 768 | 768 |
| Voltage Range (V) | 648~864 | 648~864 |
| Rated Capacity (Ah) | 100 | 200 |
| Max Charge/Discharge Current (A) | 100 | 200 |
| Standard Charge/Discharge Current (A) | 50 | 100 |
| Cycles (25°C,0.5C/1C,80%DOD) | >4000 | >4000 |
| Working Temperature (°C) | 0~45 | 0~45 |
| Recommend Operating Temperature (°C) | 15~35 | 15~35 |
| Working Humidity | <95%R.H(The condensation) | <95%R.H(The condensation) |
| Dimensions(W*D*H,mm) | 1.5*600*800*2000 | 3*600*800*2000 |
| Protection Class | IP20 | IP20 |
| Battery Module | SHSIFP51100A | SHSIFP51100A |
| Number of Modules | 15 | 30 |

Note: the number of modules can be adjusted according to different projects .