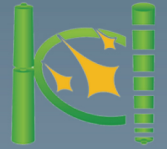


Industrial & Commercial Energy Storage



- Smooth New Energy Output
- Peak Valley Arbitrage
- Demand Management
- Construction of Microgrid

| Item | 1MW/2.0MWh | 1.1MW/2.2MWh |
|---------------------------------|--|---------------------|
| DCData | | |
| Battery chemistry | LithiumIronPhosphate(LFP) | |
| Celllifecycle | 80%Retention with5,000 Cycles@ 0.5C25 | |
| Cellspec | 3.2V/280Ah | |
| String configuration | 1P384S | 1P416S |
| Number ofstrings | | 6 |
| Rated energycapacity | 2MWh | 2.2MWh |
| D Crated energycapacity | 2,064.36kWh | 2,236.44kWh |
| Rated voltage | 1,228.8V | 1,331.2V |
| Voltagerange | 1,075.2V~1,363.2V | 1,164.8V~1,476.8V |
| BMS communicationinterface | RS485,Ethernet | |
| BMS communicationprotocol | ModbusRTU,Modbus TCP | |
| ACData | | |
| Rated ACpower | 1,000kW | 1,100kW |
| Maximum ACpower | 1,320kW | |
| Rated voltage | 690V | |
| Grid voltagerange | 586.5~759V(Optional) | |
| ACrate ofcurrent | 836.8A | 920.5A |
| Output THDi | < 3% | |
| ACPF | 0.1~1leading orlagging(Controllable) | |
| ACoutput | Three-phase and three-wire | |
| GeneralData | | |
| Dimension w/o clearances(L*W*H) | 6,058x2,438x2,591mm | 6,058x2,438x2,896mm |
| Weight of the wholesystem | 24t | 25.5t |
| Degree ofprotection | IP65 | |
| Operating temperaturerange | -20~40°C | |
| Relativehumidity | 0~95%(non-condensing) | |
| Max working altitude | 4,000m/13,123ft | |
| Cooling concept ofDChatch | HVAC | |
| Fire fightingsystem | NOVEC1230/FM-200 | |
| Communicationinterfaces | RS485,Ethernet, GPRS | |
| Certificates | UL9540, IEC62619,IEC62109,IEC62933,UN3536, etc | |

Business energy storage commercial system

