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VESTWOODS

SMART RESIDENTIAL ESS SOLUTION

V-Power Plus S4 / S5 / S6 / S7 / S8 / S9



2.88kWh modular design
11~150kWh flexible expansion



10kg HV box
30kg single battery module
Stacked module installation


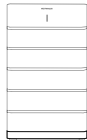






Software auto-assign
addresses
BMS intelligent management



WIFI/Bluetooth APP
real-time monitoring
and remote upgrade

SPECIFICATION

| Models | V-Power Plus S4 | V-Power Plus S5 | V-Power Plus S6 | V-Power Plus S7 | V-Power Plus S8 | V-Power Plus S9 |
|-----------------------------------|---|---|---|---|---|---|
| Schematic Diagram |  |  |  |  |  |  |
| Cell Type | LFP | | | | | |
| Nominal Energy | 11.52kWh | 14.40kWh | 17.28kWh | 20.16kWh | 23.04kWh | 25.92kWh |
| Number of Battery Modules | 4 | 5 | 6 | 7 | 8 | 9 |
| Nominal Capacity | 50Ah | | | | | |
| Nominal Voltage | 230.4V | 288.0V | 345.6V | 403.2V | 460.8V | 518.4V |
| Operating Voltage Range | 201.6V~259.2V | 252.0V~324.0V | 302.4V~388.8V | 352.8V~453.6V | 403.2V~518.4V | 453.6V~583.2V |
| Charge Current/Max. Continuous | 50A | | | | | |
| Discharge Current/Max. Continuous | 50A | | | | | |
| Recommended Depth of Discharge | 80% | | | | | |
| Operating Temp. Range/Charge | 0°C~50°C | | | | | |
| Operating Temp. Range/Discharge | -20°C~55°C | | | | | |
| Dimensions (W*H*D) | 570*819*367mm | 570*969*367mm | 570*1119*367mm | 570*1269*367mm | 570*1419*367mm | 570*1569*367mm |
| Weight | 139kg | 165kg | 191kg | 217kg | 243kg | 269kg |
| IP | IP20 | | | | | |
| Expansion | Max. 6 groups in parallel operation | | | | | |
| Communication | CAN/WIFI | | | | | |
| Cooling Mode | Natural cooling | | | | | |
| Display | WIFI/Bluetooth APP+Light strip | | | | | |
| Cycles | 6000@80% DOD, 25°C | | | | | |
| Design Life | 15+ years | | | | | |
| Installation | Floor Mounted | | | | | |
| Environment | Indoor | | | | | |
| Allowed Humidity Range | ≤95% RH | | | | | |
| Compatible Inverters | Deye/Solis/Hoymiles/Senergy/Afore/Megarevo etc. | | | | | |
| Design Standard | UN38.3, IEC 62619, CE-EMC | | | | | |

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