

VESTWOODS

# SMART RESIDENTIAL ESS SOLUTION

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



2.88kWh modular design  
11~150kWh flexible  
expansion



Smart HV box  
Stacked module  
installation



Software auto-assign  
addresses  
BMS intelligent management



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           | 187.2~252.0V                                                                      | 234.0~315.0V                                                                      | 280.8~378.0V                                                                      | 327.6~441.0V                                                                        | 374.4~504.0V                                                                        | 421.2~567.0V                                                                        |
| Charge Current/Max. Continuous    | 50A                                                                               |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Discharge Current/Max. Continuous | 50A                                                                               |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Recommended Depth of Discharge    | 80% DOD                                                                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Operating Temp. Range/Charge      | 0°C~50°C                                                                          |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Operating Temp. Range/Discharge   | -20°C~55°C                                                                        |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Dimension(W*H*D)                  | 570*819*367mm                                                                     | 570*969*367mm                                                                     | 570*1119*367mm                                                                    | 570*1269*367mm                                                                      | 570*1419*367mm                                                                      | 570*1569*367mm                                                                      |
| Weight                            | Approx. 139kg                                                                     | Approx. 165kg                                                                     | Approx. 191kg                                                                     | Approx. 217kg                                                                       | Approx. 243kg                                                                       | Approx. 269kg                                                                       |
| IP Rating                         | IP20                                                                              |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Expansion                         | Max. 6 Units in Parallel Operation                                                |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Communication                     | CAN/WIFI/Bluetooth                                                                |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Cooling Mode                      | Natural Cooling                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Display                           | WIFI/Bluetooth App+Light Strip                                                    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Cycles                            | 6000 Cycles, 80% DOD@25°C                                                         |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Design Life                       | 15+ Years(25°C)                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Installation                      | Floor Mounted                                                                     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Installed Environment             | Indoor                                                                            |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Allowed Humidity Range            | ≤95% RH                                                                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Compatible Inverters              | Deye/Solis/Hoymiles/Senergy/Afore/Megarevo etc.                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Design Standard                   | UN38.3/IEC 62619/IEC 62477-1/IEC 63056/IEC 62040/CE-EMC                           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

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