

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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