

Vestwoods

ENERGY STORAGE SOLUTION

VESS PLUS



Flexible and easily expanded as per the requirements



Integrate all things and easy for installation



Supports both on-grid and off-grid operations



Equip with cloud-based monitoring capabilities

SPECIFICATION

Model	VESS Plus-100k	VESS Plus-200k
AC Parameters		
Nominal Power	100kW	200kW
AC Input/Output Voltage	400V	
AC Frequency	50/60Hz	
Grid Type	3W+N+PE / 3W+PE	
Max. Efficiency	97.3% (Peak)	
Max. Load capacity	110%(Continoues), 120(1min)	
PV Parameters		
Input Power	100kW	200kW
MPPT Voltage range	200~650V (320~650V with Full load)	
Max. Input Current	320A	640A
Battery Parameters		
Nominal Energy	215kWh	430kWh
VE64280 Battery Module Electrical Spec.	64V/280AH/17.92kWh	
VE64280 Battery Module Physical Spec.	440*912*265mm (W*H*D)/132kg	
Number of Battery Module	12	24
Nominal Battery Voltage	768V	
Max.Charge/discharge Current	140A/140A	280A/280A
Battery Certificates	IEC62619, EN61000-6-2,4, UN38.3	
General Specification		
Thermal Management	Fan/Heat exchanger/Air conditioner	
Noise	< 70dB	
IP Rating	IP54	
Operation Temp Range.	-20℃~60℃	
Operation Ralative Humidity	0℃~95℃ (No condensation)	
Altitude	<2000m	
Weight	Approx.3200kg	Approx.6400kg
Dimension(W*D*H)	1850*1200*H2300mm	3700*1200*H2300mm
Accessories	Smoke sensor, door sensor, water sensor, fire fighting, EPO	
On/Off Grid Switch Time	30ms	
Communication	RS485/CAN/Lan/Dry contact	
Galvanic Isolation	Transformer (optional)	
System Certificates	IEC63056, IEC62477-1, IEC62109-1/2, GB/T36276	

Disclaimer:

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