

# Vestwoods

## SMART RESIDENTIAL ESS SOLUTION

### V-POWER SERIES



Intelligent BMS, multiple real-time protections, timely failure warnings, and user friendly



Stronger overcurrent ability and larger capacity to meet daily needs



\*(1)Cloud platform functions are customized development functions, which can be selected according to requirements.



Excellent performance standards, 6000 cycles lifespan



Offers wall-mounted and floor installation, easy installation to save time and cost



Fashionable appearance design with a variety of color options

# SPECIFICATION



Model	VE51100W	VE51280W
Cell Type	LFP	
Nominal Energy	5.12kWh	14.33kWh
Nominal Capacity	100A	280A
Nominal Voltage	51.2V	
Operating Voltage Range	44.8V~57.6V	
Nominal Charge Voltage	57.6V	
Charge Current/Max. Continuous	100A	200A
Discharge Cut-off Voltage	44.8V	
Discharge Current/Max. Continuous	100A	200A
Depth of Discharge	80%	
Ambient Temperature/Charge	0~50 °C	
Ambient Temperature/Discharge	-20~55 °C	
Dimension/W*H*D	410*666.2*179.5mm	505*801.5*251mm
Net Weight	49kg	121kg
IP	IP65	
Expansion	Up to 16 units in parallel	Up to 8 units in parallel
Color	Red/Silver/Blue/White	
Communication	CAN/RS-485	
Cooling Mode	Natural	
Cycle Life	≥6000, 80%DOD@25 °C	
Design Life	15+ Years (25 °C/°F)	
Installation Method	Standed/Wall-mounted	Standed
Humidity	5% ~ 95%(RH)	
Altitude	<2000m	
Alarms	Over charge/Over discharge/Over temperature/Over current/Short circuit etc.	
Compatible Inverters	Deye/Senergy/Invvt/Megarevo etc.	
Certification & Safety Standard	UN38.3/ IEC62619/CE-EMC	

## Disclaimer:

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