

Smart Residential ESS Solution

V-Power Series



14.33kWh

Features and Advantages



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



Stronger overcurrent ability and larger capacity to meet daily needs



Provides remote monitoring APP and intelligent management of the cloud platform



Excellent performance standards, 6000 cycles lifespan



Floor installation, easy installation to save time and cost



Fashionable appearance design with a variety of color options

SPECIFICATION

Model	VT-48280
Chemistry	LiFePO ₄
Nominal Battery Energy (kWh)	14.33
Nominal Capacity (Ah)	280
Nominal Voltage (Vdc)	51.2
Working Voltage (Vdc)	46.4-58.4
Rated Charge Voltage/@25°C (Vdc)	58.4
Charge Current/Max. Continuous (A)	200
Discharge Cut-off Voltage/@25°C (Vdc)	43.2
Discharge Current/Max. Continuous (A)	200
Depth of Discharge (%)	80
Ambient Temperature/Charge (°C)	0~55
Ambient Temperature/Discharge (°C)	-20~60
Dimension/W*H*D (mm)	500 * 842 * 260
Net Weight (kg)	124.1
IP Rating	IP20
Expansion	Up to 15 units in parallel
Color	White/Black
Communication	CAN/RS-485
Cooling Mode	Natural
Cycle Life	≥6000, 80%DOD@25°C
Design Life	10+ Years (25°C/°F)
Installation Method	Vertical
Humidity	5% ~ 95%(RH) No Condensation
Altitude(m)	<2000
Alarms	Overcharge/Over-discharge/Overtemperature/ Overcurrent/Short Circuit etc.
Compatible Inverters	Deye/Solis (Ginlong)/ Sinexcel(Isuna)/Afore/SunSynk
Certification & Safety Standard	UN38.3/ IEC62619/EN61000

Disclaimer:

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POWERAD

login

register

username

password



Smart Residential APP



IoT setting

Wi-Fi name:

Wi-Fi password:

Inverter: Please select

Heating: Please select

Charging: Please select

Read Setting

