

Residential BESS

Wall-mounted Type

Max 14.3kWh Battery

V-TAC

Meaningful Innovation.



10
YEAR
WARRANTY



Highly adaptable battery system



Intelligent BMS multiple protections at all times, failure timely warning, worry-free use



Stronger overcurrent capacity and larger capacity, meet the daily needs easily



Support APP remote monitoring, cloud platform intelligent management(1)



Easy installation, support wall-mounted installation and floor installation, saving installation time and cost



Excellent performance standards 6000 cycles lifespan, support 10-year warranty(2)



Fashionable appearance design, a variety of color options

* (1) The 10-year warranty includes 5 years free warranty under standard condition and 5 years paid warranty.
(2) Cloud platform functions are customized development functions, which can be selected according to requirements.



SPECIFICATION



Parameter	VT-48100-W2 SKU: 11524	VT-48280-W2 SKU: 11525
Nominal Voltage (Vdc)	51.2	
Voltage Range (Vdc)	43.2-57.6	
Nominal Capacity (kWh)	5.12	14.33
Usable Capacity (Wh)	4.86	13.61
Dimension/W*H*D (mm)	410 * 666 * 179.5	500 * 800 * 250
Weight (kg)	54.0	128.5
Rated Charge Voltage/@25°C (Vdc)	56.4	
Charge Current/Max. Continuous (A)	100	200
Discharge Cut-off Voltage/@25°C (Vdc)	43.2	
Discharge Current/Max. Continuous (A)	100	200
Communication	CAN/RS-485	
Parallel	4	
Working Temperature/Charge (°C)	0~55	
Working Temperature/Discharge (°C)	-20~60	
Shelf Temperature (°C)	-20~60	
Protection Class	Ip65	
Cooling Mode	Natural	
Installation Method	Wall-mounted/Floor-Mounted	
Humidity	5% ~ 95%(RH) No Condensation	
Altitude(m)	<2000	
Design Life	15+ Years (25°C/°F)	
Cycle Life	>6000, 80%DOD@25°C	
Certification Compliance	UL1642, IEC62619, EN61000, UN38.3	