



# Smart ESS Solution

## 11.05kWh



Stacked energy storage battery system

### Features and Advantages



**Flexible Adaptation**  
2.76kWh Modular design  
8-55kWh Flexible Expansion.



**Safe and Reliable**  
Lithium Iron phosphate (LFP) battery



**Easy Installation**  
24kg HV box 29kg Battery  
Module Stacked mounting.



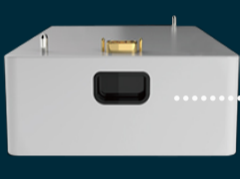
**Fast Startup**  
Software auto-assign  
addresses BMS three-level.



**Optimal Performance**  
Adaptable to single and  
three-phase inverters



..... HV Box



..... Battery Module

SKU	11875
Models	VT-VEH41027S
EAN Code	3800170217997

### SPECIFICATION

Chemistry	LifePO <sub>4</sub>
Nominal Battery Energy (kWh)	11.05
Number of Modules	4
Nominal Capacity	27
Rated Power (kW)	6~12"
Nominal Voltage (Vdc)	409.6
Working Voltage (Vdc)	358.4 ~ 460.8
Charge/Discharge Current/Standard (A)	27
Discharge Current/Max. Continuous (A)	54
Depth of Discharge (%)	95
Ambient Temperature / Charge (°C)	0~50
Ambient Temperature / Discharge (°C)	-20 ~55
Dimension / W*H*D (mm)	530*942*255
Net Weight (kg)	135
IP Rating	IP20
Expansion	Up to 4 units in parallel
Communication	CAN, RS-485,DI/DO
Display Mode	Indicator
Cooling Mode	Natural
Cycle Life	>6000, 80%DOD@25°C
Design Life	15 + Years (25°C/°F)
Installation Method	Floor Stacking
Humidity	5% ~ 95% (RH) No Condensation
Altitude (m)	<2000
Alarms	Overcharge / Overdischarge / Over temperature/ Overcurrent / Low insulation etc.
Compatible Inverters	Senergy / Invt / Megarevo etc.
Certification & Safety Standard	Design base on UN38.3 / IEC62619 / EN61000 Standard

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