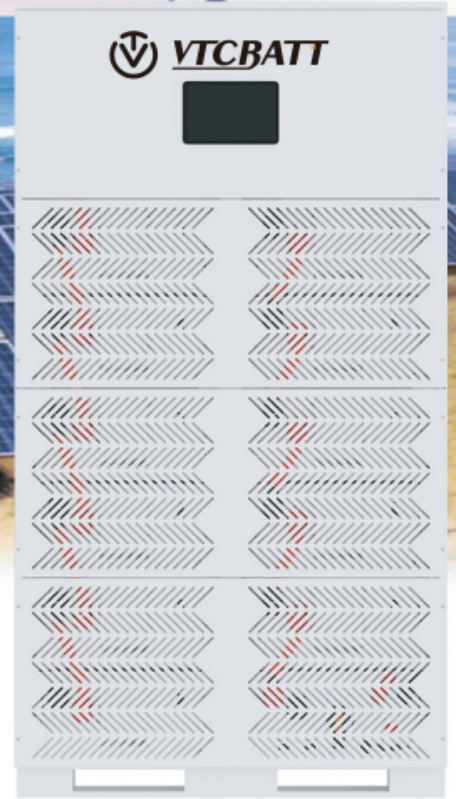
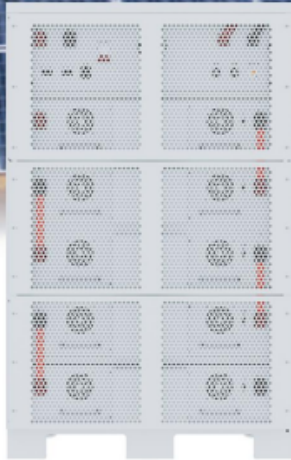


High Voltage Battery Energy Storage Solution

384V / 460V / 614V / 768V



HV-384V100Ah

HV-460V100Ah

HV-614V100Ah

HV-768V280Ah

Compatible With Inverter Brands

VTC's battery BMS is compatible with multiple inverter brands

Deye 德業

SOFAR

GOODWE

SINEXCEL

ATSS

MEGAREVO

ThinkPower

INHERGY

solis
inverters

houmiles

Model	HV-384V100Ah	HV-460V100Ah	HV-614V100Ah	HV-768V280Ah
Rated voltage	384V	460.8V	614.4V	768V
Rated capacity	100Ah (0.5C)			280Ah (0.5C)
Rated energy	38.4 kWh	46 kWh	61.4 kWh	215.04 kWh
Configuration	120S1P	144S1P	192S1P	240S1P
Battery Module	76.8V 100Ah*5 series	76.8V 100Ah*6series	76.8V 100Ah*8 series	51.2V 280Ah*15 series
Charge voltage	432VDC	518VDC	691VDC	864VDC
Discharge voltage	336VDC	403VDC	537VDC	672VDC
Rated working current	50A (0.5C)			140A (0.5C)
Max. working current	100A			140A
Rated power	19.2kW	23kW	30 kW	107kW
Max. output power	38.4 kW (adjustable)	46 kW (adjustable)	61 kW (adjustable)	107 kW (adjustable)
Recommended DoD	90%			
Range of working temp.	-10 ~50°C			
Working humidity range	5-85%RH			
Communication method	CAN2.0/RS485			
Compatible inverter brands	DEYE, Solis, SINEXCEL ATESS, Goodwe, Hoymiles, Afore, Megarevo, Invt, Pylontech,ThinkPower, Inhenegy			
Working indicator	Blue: Power; Green: Run; Red: Alarm			
Cycle life	25±2°C, 0.2C/0.2C,EOL70%≥6000			
Display method	10 inch (LCD) /PC Software			
Protection Voltage protection	Over charge and over discharge			
Protection Temp. protection	Over temperature range protection			
Protection Current protection	YES			
Protection Leakage protection	YES			
Dielectric withstand voltage	1000VDC(not less than 2GΩ)	1000VDC(not less than 2GΩ)	2500VDC(not less than 2GΩ)	2500VDC(not less than 2GΩ)
Dimension	776*600*1250M	776*600*1400MM	776*600*1800MM	1150*852*2157MM
Weight	400-500KG	450-550KG	600-700KG	2.2-2.4T
Protection level	IP 20			