

High Voltage Battery Energy Storage Solution

614V / 768V



Compatible With Inverter Brands

POWERCO 's battery BMS is compatible with multiple inverter brands



Model	HV-614V100Ah	HV-768V280Ah
Rated voltage	614.4V	768V
Rated capacity	100Ah (0.5C)	280Ah (0.5C)
Rated energy	61.4 kWh	215.04 kWh
Configuration	192S1P	240S1P
Battery Module	76.8V 100Ah*8 series	51.2V 280Ah*15 series
Charge voltage	691VDC	864VDC
Discharge voltage	537VDC	672VDC
Rated working current	50A (0.5C)	140A (0.5C)
Max. working current	100A	140A
Rated power	30 kW	107 kW
Max. output power	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, Inhenergy	
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	2500VDC(not less than 2GΩ)	2500VDC(not less than 2GΩ)
Dimension	776*600*1800MM	1150*852*2157MM
Weight	600-700KG	2.2-2.4T
Protection level	IP 20	