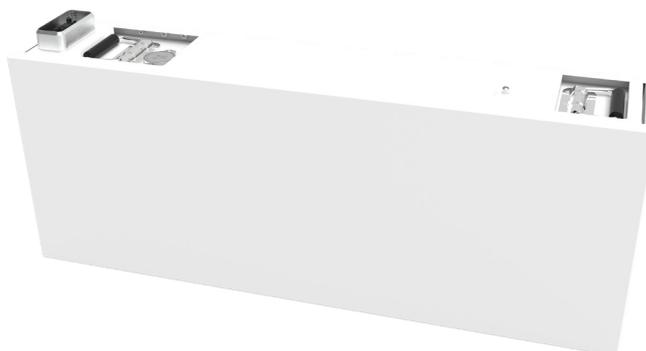


# HiEnergy All-in-One ESS 5kW High Voltage Battery Pack



SKU	11983
EAN	3800170221833
Component	Base+BMS+ 1*Module
Nominal Voltage	102.4V
Maximum protection voltage[V]	116.8V
Maximum protection voltage[V]	89.6V
Number of Battery Modules	1
Rated Capacity	50Ah
Total Energy	5.1kWh
Usable Energy	4.6kWh
Nominal Power	2.56kW
Maximum Charge/Discharge Current	30A
Cycle Life	6000 Cycles (@25°C,0.5C/0.5C, 70%EOL )
Depth of Discharge (DoD)	90%
Expected Life Time	10Years
Operating temperature	0C to 55°C/ -20°C to 55°C -20°C to 55°C(Build-in heating function)/-20°C to 55°C
Storage Temperature	-20°C to 45°C (3 months) -20°C to 35°C(1 year)
Humidity	15~95%
Altitude	Below 2000m
Ingress Protection	P65
Communication	RS485/CAN2.0
Status Indicator	LED Lights
SOC Indicator	5LED (20%, 40%, 60%,80%,100%)
Switch on/off	Button*1 +Breaker*1
Certificate	CE ,IEC62619,IEC62040,IEC60529,IEC61000,UN38.3
Weight	69±4kg
Dimension(W*H*D)	800±20*840±30* 160±20mm
Remark	1 Series