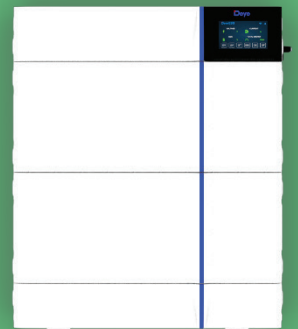
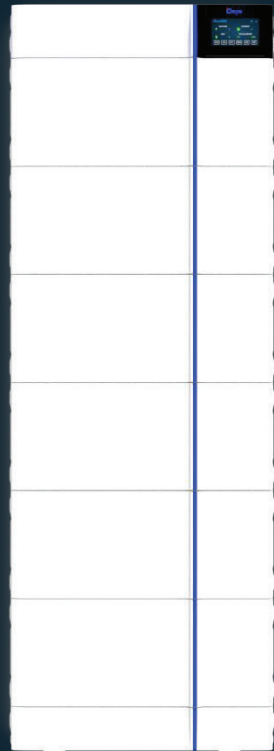


V-TAC

Meaningful Innovation.

4.9kWh Stack Battery GB-L

10 YEAR
WARRANTY



Safety

Built in explosion relief device to dredge gas, and built in fire protection device to cut off the fire source for 3 seconds

High-voltage stack

Modules are connected in series without cable connection, and high-voltage platform improves system efficiency.

Thermal management

Temperature detection of key parts, cell, power plug-in, etc.

Wide temperature operation

The heating function is optional to meet the application scenarios with low temperature and no sense.

Intelligent and visual

Support remote upgrade, real-time battery warning information push, LCD data display.

Environmental friendliness

IP protection grade 65, anti-corrosion grade $\geq C2$, environmental protection battery

LISTING DETAILS

SKU Code: **11919**

EAN Code: **3800170220348**

MAIN PARAMETER

Cell Chemistry	LiFePO4				
Module Energy(kWh)	4.09				
Module Nominal Voltage (V)	102.4				
Module Capacity(Ah)	40				
Battery Module Qty InSeries (Optional)	2	3	4	5	6
System Nominal Voltage (V)	204.8	307.2	409.6	512	614.4
System Operating Voltage (V)	166.4~700				
System Energy (kWh)	8.18	12.27	16.36	20.45	24.56
System Usable Energy (kWh) ¹	7.36	11.04	14.72	18.40	22.10
Charge/Discharge ² Current (A)	Recommend	20			
	Nominal	40			
	Peak Discharge (2 mins,25°C)	50			
Working Temperature(°C)	Charge: 0~55/Discharge: -20~60				
LCD Display	SOC%,Power,Total Voltage				
Communication Port	CAN2.0,RS485				
Humidity	5%~90%				
Altitude	≤2000m				
IP Rating of Enclosure	IP65				
Storage Temperature(°C)	0~35				
Dimension (W/D/H,mm)	540*385*650	540*385*870	540*385*1090	540*385*1310	540*385*1530
Weight(kg)	97	136	175	214	253
Installation Location	Floor Mount				
Recommend Depth of Discharge	90%				
Cycle Life	25±2°C,0.5C/0.5C,EOL70%≥6000				
Warranty ³	10years				
Certification	CE/IEC62619/VDE2510-50/UL1973/UL9540A/UN38.3				

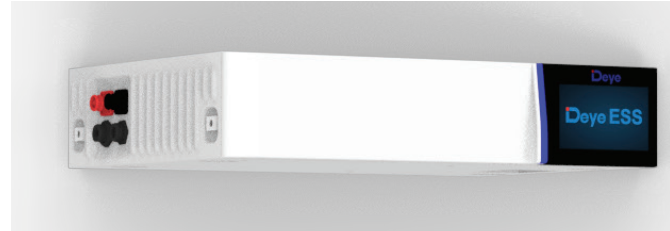
1 DC Usable Energy, test conditions: 90% DOD, 0.2C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.

2 The current is affected by temperature and SOC.

3 The warranty is due whichever reached first of warranty period or life cycle power.

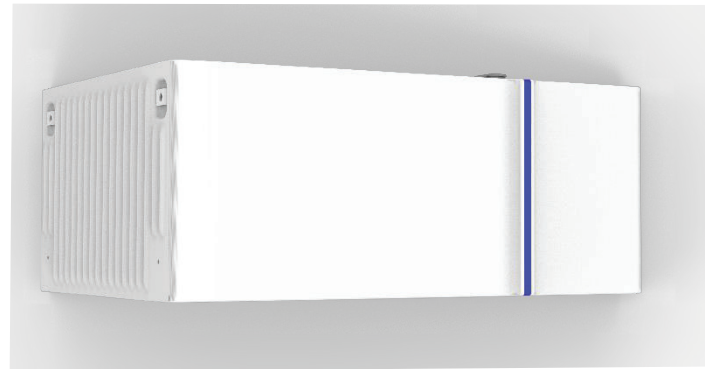
SKU: 11920 **HIGH VOLTAGE BATTERY CLUSTER CONTROL BOX**

Operating Voltage	120 ~ 750Vdc
Nominal Charge/Discharge Current	40A
Max Charge/Discharge Current	50A
Operating Temperature Range	-20~65°C
Ingress Protection	IP65
Dimension (W/D/H)	540*385*110mm
Weight Approximate	12kg



SKU: 11919 **4.09KWH LIFEPO4 BATTERY**

Battery Type	LiFePO4(LFP)
Nominal Voltage	102.4Vdc
Rated Capacity	40Ah
Rated Energy	4.09kWh
Nominal Charge/Discharge Current	40A
Peak Discharge Current	50A
Charge Temperature	0~55°C
Discharge Temperature	-20°C ~ 60°C
Storage Temperature	0°C ~ 35°C
Ingress Protection	IP65
Dimension (W/D/H)	540*385*220mm
Weight Approximate	39kg



SKU: 11921 **BATTERY MODULE BASE**

Dimension (W/D/H)	540*385*100mm
Weight Approximate	7kg



SKU: 11922 **STANDARD 2-METER COMMUNICATION CABLE CONNECTED TO THE EXTERNAL DEVICE**



SKU: 11923 **1000V/6AWG CABLE - STANDARD 2-METER POWER CABLE CONNECTED TO THE POSITIVE POLE OF THE EXTERNAL PCS**



SKU: 11924 **1000V/6AWG CABLE - STANDARD 2-METER POWER CABLE CONNECTED TO THE NEGATIVE POLE OF THE EXTERNAL PCS**

