

BATTERY **SERIES**

DS-HV102100

HIGH VOLTAGE

Stacked Battery System

 **High-voltage**
To meet more electricity demand

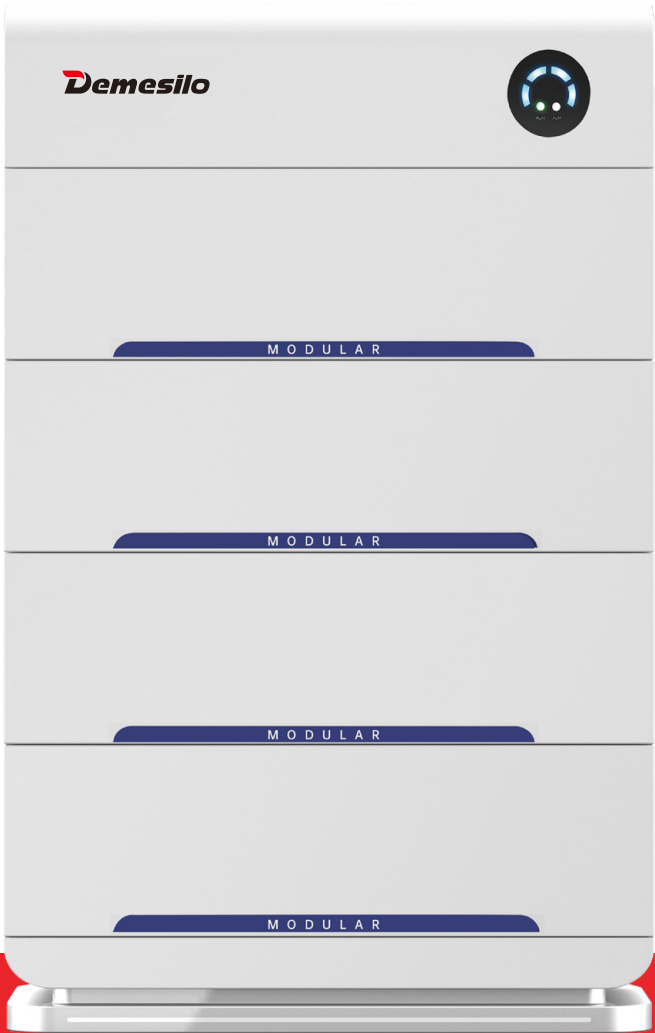
 **Modular Design**
For easy maintenance

 **Safer to Use**
High-density LiFePO4 battery

 **Stable & Reliable**
Advanced BMS management.

 **Long Battery Life**
5000 cycles life (DoD 80%)

 **High Conversion Rate**
Maximize energy utilization



Application Scenario

Families with high requirements for energy storage capacity:

High-voltage energy storage batteries can usually provide larger energy storage capacity, which can meet the long-term usage needs of more electrical appliances in the family.

Families with high-power electrical appliances or equipment:

For example, high-power electrical appliances such as central air conditioners and electric water heaters require higher voltages and currents to support their operation, and high-voltage energy storage batteries can better meet the needs of these devices.

BATTERY **SERIES** 20.48kWh-40.96kWh

Demesilo

Model	DS-HV102100		
-------	-------------	--	--

Basic information			
Number of battery modules	2	3	4
Nominal Battery Energy	20.48kWh	30.72kWh	40.96kwh
Nominal Capacity	100Ah	100Ah	100Ah
Nominal Voltage (Single Battery)	102.4V	102.4V	102.4V
Nominal Voltage	204.8V	307.2V	409.6V
Max Continuous Discharge Power	20.48kW	30.72kW	40.96kW
Max Continuous Charge Power	20.48kW	30.72kW	40.96kW
Dimension[W*D*H](mm)	800*540*646	800*540*826	800*540*1006
Net Weight	226kg	316kg	406kg
High-voltage Box Net Weight	20.5kg	20.5kg	20.5kg
Battery Net Weight	180kg	270kg	360kg
Base Net Weight	25.5kg	25.5kg	25.5kg

Other Parameters	
Charging Temp. Range	0~50°C
Discharging Temp. Range	-10~55°C
Communication Protocol	CAN
Cycle Life	5000 Cycles (@80% DOD)
Protection Level	IP65
Color	White
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit
Advantages	Can be used in both grid and off-grid setups,compact design,modular expansion
Certification	UN38.3,Class9 / CE

Demesilo

www.demesilo.com info@demesilo.com Phone: +86 15557209111