



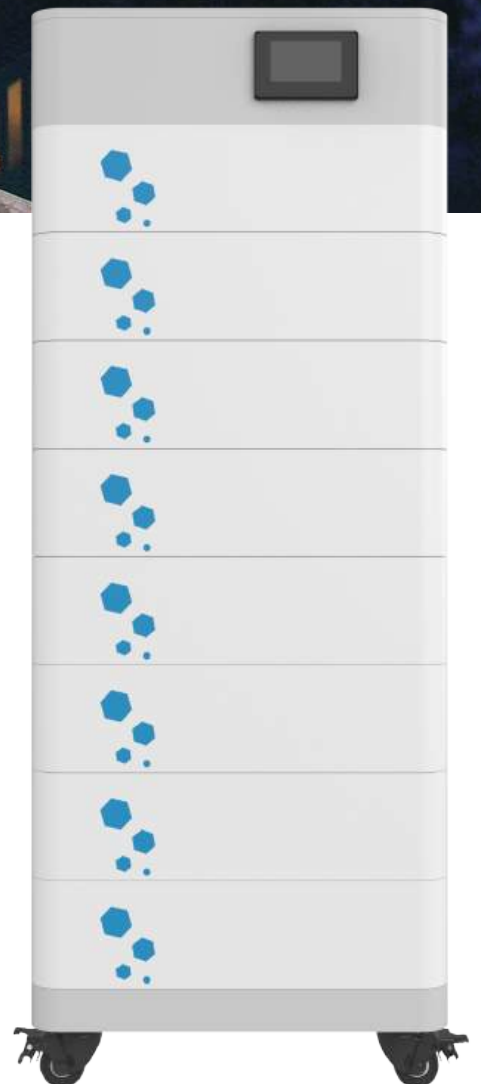
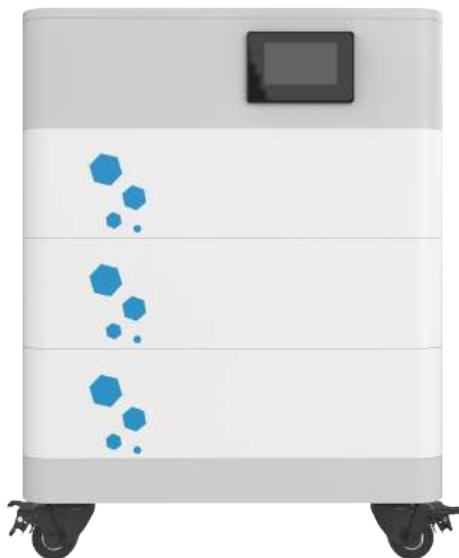
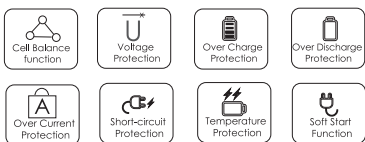


High voltage Rechargeable Li-ion Battery System

 **Smaller Footprint**
higher energy density benefit from latest LFP technology

 **Expandable**
Module design
Maximum 5.12kwh*10S*6P

 **Monitor**
Real-time monitoring of battery charging and discharging, online system updates and maintenance





Technical Data



Technical specification	15KWH	20KWH	25KWH	30KWH	35KWH	40KWH
Installation Mode	Stackable					
Battery Type	LifePO4(LFP)					
Module Energy(kWh)	5.12					
Module Nominal Voltage(V)	51.2					
Module Capacity(Ah)	100					
System Model	OHS15K-100	OHS20K-100	OHS25K-100	OHS30K-100	OHS35K-100	OHS40K-100
Battery Module Qty InSeries(Optional)	3	4	5	6	7	8
System Nominal Voltage(V)	153.6	204.8	256.0	307.2	358.4	409.6
System Nominal Capacity(KWh)	15.36	20.48	25.60	30.72	35.84	40.96
Usable Capacity(KWh)	12.29	16.38	20.48	24.58	28.67	32.77
Dimension (mm)	590*420*764	590*420*915	590*420*1066	590*420*1227	590*420*1368	590*420*1519
Weight (Kg)	175.9	224.4	272.9	321.4	369.9	418.4
Recommend Charge/Discharge Current (A)	40					
Communicaiton	CAN					
Ingress Protection	IP65					
Altitude	≤2000m					
Cycle Life	25±2°C,0.5C/0.5C,EOL70%≥6000					
Monitoring Parameters	System voltage,Current,cell voltage,cell temperature,module temperature					
SOC	Intelligent algorithm					
Working Temperature	0°C~45°C Charge -10°C ~55°C Discharge					
Storage Temperature	0~35°C					

1. DC Usable Energy, test conditions: 80% 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.