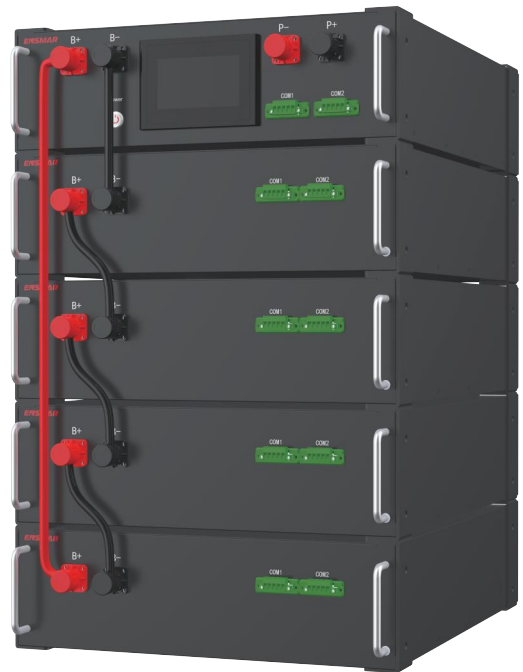




## Hades-5KWh

- Charge Your Battery within ONE HOUR;
- Remote Diagnosis & Upgrade;
- Auto Under-voltage Reboot;
- Self-designed BMS protects batteries;
- Grade A LiFePO4 battery assures safety;



Battery Module



HV Box

# TECHNICAL DATA

Model	Hades-9650	Hades-48100
Battery Type	Lithium Iron Phosphate Battery (LiFePO4 battery)	Lithium Iron Phosphate Battery (LiFePO4 battery)
Nominal Capacity	50Ah (@0.5C, 250 C )	100Ah (@0.5C, 250 C )
Nominal Voltage	102.4V	51.2V
Total Energy	5120Wh	5120Wh
Battery Working Voltage	89.6 ~113.6V	44.8 ~56.8V
Cell working Voltage	2.5 ~ 3.65V	2.5 ~ 3.65V
Continuous Current	25A (charge / discharge)	50A (charge / discharge)
Max. Continuous Current	50A (charge / discharge)	100A (charge / discharge)
Cycle Life	≥6000 cycles (25 C±2 C 0.5C @90%DOD 70%EOL)	≥6000 cycles (25 C±2 C 0.5C @90%DOD 70%EOL)
Ingress protection	IP21	IP21
Efficiency	≥94% (25 C±2 C 0.5C @90%DOD)	≥94% (25 C±2 C 0.5C @90%DOD)
Expansion capability	10pcs max in series	10pcs max in series
Working Environment	0 ~ 45 C (charge)	0 ~ 45 C (charge)
	20 ~ 50 C (discharge)	20 ~ 50 C (discharge)
	≤85% humidity	≤85% humidity
Storage Environment	-30 C ~ 45 C	-30 C ~ 45 C
	5% ~ 95% humidity	5% ~ 95% humidity
Weight	108KG	108KG
Dimensions (W x D x H, mm)	445*550*133mm	445*550*133mm
Design Life	15 years	15 years
Warranty Period	5 years (10 years optional)	5 years (10 years optional)

## Configuration

Q'ty	System voltage (V)	
	Hades-48100	Hades-9650
1	44.8~56.8	89.6 ~113.6
2	89.6~113.6	179.2~227.2
3	134.4~170.4	268.8~340.8
4	179.2~227.2	358.4~454.4
5	224~284	448~568
6	268.8~340.8	537.6~681.6
7	313.6~397.6	627.2~795.2
8	358.4~454.4	
9	403.2~511.2	
10	448~568	