Hades -15KWh

FEATURES:

○ Support as many 32pcs modules in series max:

○ Simple installation and ODM;

○ Support system parallel to realize upgraded capacity

○ Up to 94% max efficiency;

○ With remote monitoring and upgrade, worry free from service;

Battery Module

HV Box

Rack

TECHNICAL DATA

Model	Hades-48280
Battery Type	Lithium Iron Phosphate Battery (LiFePO4 battery)
Nominal Capacity	280Ah (@0.5C, 250℃)
Nominal Voltage	51.2V
Total Energy	14336Wh
Battery Working Voltage	44.8 ~56.8V
Cell working Voltage	2.5 ~ 3.65V
Continuous Current	140A (charge / discharge)
Max. Continuous Current	160A (charge / discharge)
Peak Current	180A@5S (charge / discharge)
Cycle Life	≥5000 cycles (25℃±2 ℃ 0.5C @90%DOD 70%EOL)
Ingress protection	IP21
Efficiency	≥94% (25℃±2 ℃ 0.5C @90%DOD)
Expansion capability	32pcs max in series
Working Environment	0 ~ 45℃ (charge)
	20 ~ 50℃ (discharge)
	≤85% humidity
Storage Environment	-30℃~45℃
	5%～95% humidity
Weight	108KG
Size (W x D x H, mm)	376*885*238.5mm（incl. hangers etc,）
Design Life	15 years
Warranty Period	5 years (10 years optional)

CONFIGURATION

Q'ty	Working Voltage (V)	Q'ty	Working Voltage (V)	Q'ty	Working Voltage (V)	Q'ty	Working Voltage (V)
1	44.8~56.8	9	403.2~511.2	17	761.6~965.6	25	1120~1420
2	89.6~113.6	10	448~568	18	806.4~1022.4	26	1164.8~1476.8
3	134.4~170.4	11	492.8~624.8	19	851.2~1079.2	27	1209.6~1533.6
4	179.2~227.2	12	537.6~681.6	20	896~1136	28	1254.4~1590.4
5	224~284	13	582.4~738.4	21	940.8~1192.8	29	1299.2~1647.2
6	268.8~340.8	14	627.2~795.2	22	985.6~1249.6	30	1344~1704
7	313.6~397.6	15	672~852	23	1030.4~1306.4	31	1388.8~1760.8
8	358.4~454.4	16	716.8~908.8	24	1075.2~1363.2	32	1433.6~1817.6

Remark: 1. HV box is required for system with 2 or more modules every rack;
2. Main box is required when several racks in parallel;