

POWER CUBE[®] **48V-5000WH** **LITHIUM-ION**

ADVANCE KEY FEATURES

- Each group battery Flexible capacity from 5kWh to 20kWh
- 12 groups can be connected in parallel by communication 240kWh (12 Packs)
- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- Remote firmware upgrade
- Long lifespan, 5 years warranty



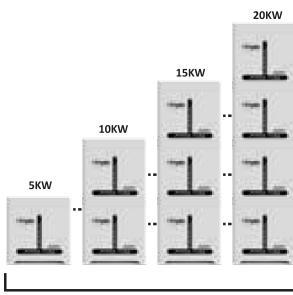
IP65



Technical Data

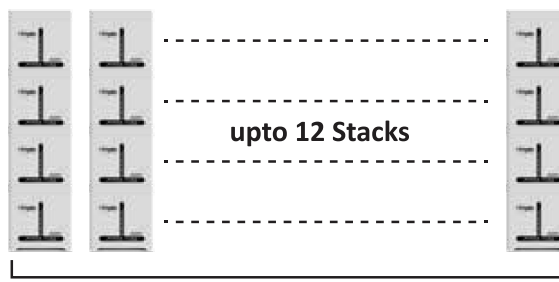
Model	INV48-5000Wh
Cell Technology	LFP (LiFePO4)
Battery Module Capacity (Wh)	5000
Rated Capacity:	100Ah
Battery Module Capacity(Ah)	96%
Battery Module Charging/ Discharging Current(A)	96%
Battery Module Quantity(pcs)	1
Battery Group Voltage(V)	51.2
Battery Group Charging/ Discharging Current(A)	96%
Battery Group Total Capacity (kWh)	4.91
Battery Group Usable Capacity (kWh)	4.42
Battery Group Rated Capacity	96%
Depth of Discharge(%)	90%
Efficiency(%, 1C)	96%
Weight (kg)	50.7
Master LED indicator	5LED (20%40%, 60%100%), 3LED(working, warning, protecting)
IP Protection	IP65
Altitude	≤2000m
Working temperature	Charge: 0~50°C / Discharge: -30~50°C
Storage Temperature	-30°C ~ 60°C
Humidity	≤90%
Cycle Life	4000 @ 1C
Installation Location	Ground-Mounted
Communication Port	CAN2.0 / RS485
Warranty	5 years (T&C)

One Stack (4 Banks)



One Stack Parallel upto 20KWH

Stacks in Parallel (by communication)



12 Stacks Parallel → 240KWH