



LITHIUM-ION BATTERY

INV-LV-IP21 2.5



Eco-Friendly

Use environmental protection materials, the whole module non-toxic, pollution-free.



Wall-Mounted

Flat design, wall-mounted, saving installation space.



Convenient

Battery module auto networking, easy maintenance, support remotely monitoring and upgrade, support USB drive upgrade the firmware.



Flexible

Modular design, easy to expand, Max. 32 units in parallel, Max. capacity of 82kWh. Suited to residential and commercial applications for increasing the self-consumption ratio.



Reliable

Intelligent BMS, providing complete protection. Natural cooling, IP21, wide temperature range: -20°C to + 55°C



Safer

Cobalt Free Lithium Iron Phosphate (LFP) Battery, safety and long lifespan, high efficiency and high-energy density.



Model		INV-LV-IP21 2.5
Main Parameter		
Battery Chemistry		LiFePO ₄
Capacity(Ah)		100
Scalability		Max.32 pcs in Parallel(82kWh)
Nominal Voltage(V)		25.6
Operating Voltage(V)		21.6~28.8
Energy(kWh)		2.56
Usable Energy (kWh) ^[1]		2.30
Charge/Discharge	Max. ^[2]	100/120
Current (A)	Peak(30s,25°C)	120/130
Other Parameter		
Recommend Depth of Discharge		90%
Dimension (W/H/D, mm)		400*479.5*195.5(Without Hanging Board)
Weight Approximate(kg)		30
Master LED indicator		5 LED (SOC 20%-100%) 3 LED (working, alarming, protecting)
IP Rating of enclosure		IP21
Working Temperature		Charge: 0°C~+55°C Discharge: -20°C~+55°C
Storage Temperature		0°C~+35°C
Humidity		5%~95%
Altitude		≤2000m
Installation		Wall-Mounted
Communication Port		CAN2.0, RS485
Certification		UN38.3

[1] DC Usable Energy, test conditions: 90% 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.

