

LITHIUM-ION BATTERY

INV-LV2.6 / INV-LV5.3 / INV-LV10.6



Flexible

- Support Max. 32 units in parallel
- 10A current limit, compatible with any inverter for charging/discharging
- Ideal for backup power and residential use



Intelligent Control

- Battery module auto networking (No DIP switches)
- Support Inverex remotely monitoring and upgrade



Reliable

- Support Max. 1C charge and 1.2C discharge
- Peak discharge current of 2C 10s
- IP65 case, natural cooling
- Wide temp range : -20°C to 55°C



Safer

- LFP battery with long lifespan, high efficiency
- Built-in circuit breaker, intelligent BMS

≥6000

Cycles

-20°C to 55°C

Wide Temp

70%

EOL



Model	INV-LV2.6	INV-LV5.3	INV-LV10.6
Main Parameter			
Battery Chemistry	LiFePO ₄		
Built-in Circuit Breaker	125 A 1P, 60Vdc		125 A 2P, 60Vdc
Capacity (Ah) ^[1]	104		208
Scalability	Max. 32 pcs in parallel		
Nominal Voltage (V)	25.6	51.2	
Operating Voltage (V)	22.4~28.8	44.8~57.6	
Nominal Energy (kWh) ^[1]	2.66	5.32	10.64
Usable Energy (kWh@90%DoD) ^[1]	2.4	4.8	9.6
Charge/Discharge	Max. Continuous	100/120	200 / 240
Current (A) ^[2]	Peak	200/200(10 sec)	300 / 300 (10 sec)
Other Parameter			
Recommend Depth of Discharge	90%		
Dimension (W/H/D, mm)(Withoutheangingboard)	350×700×160	400 x 700 x 160	745 x 745 x 170
Weight Approximate	32kg	46kg	98kg
Master LCD indicator	LCD(SOC and working state)		
IP Rating of enclosure	IP65		
Operating Temperature	Charge: 0°C ~ 55°C / Discharge: 20°C ~ 55°C		
Recommended Operating Temperature	15°C~35°C		
Storage Temperature	0°C~35°C		
Relative Humidity	95%		
Altitude	≤2000 m		
Cycle Life	≥6000(25°C±2°C, 0.5C/0.5C, 90%DOD, 70%EOL)		
Installation	Wall-Mounted, Floor-Mounted		
Communication Port	CAN2.0, RS485		
Warranty Period ^[3]	5 years		
Energy Throughput ^[3]	4MWh	8MWh	16MWh
Certification	UN38.3, MSDS		

[1] Test conditions : 25°C±2°C, at beginning of life and calibration mode, 0.5C discharge, 100% DOD.

[2] The current is affected by temperature and SOC.

[2] Conditons apply, refer to Inverex Warranty Letter.

