

Battery Stack

Reliable

- Lithium iron phosphate (LFP) chemistry for a long cycle life
- Cycle life: ≥8000
- Compact structure for higher energy density

Safe

- Liquid Cooling
- Unique cellular Liquid design ensures temperature difference among cells within 2°C
- Uniform heat dissipation for better performance

Smart

- Suitable for inverters with operating voltages ranging from 600 to 1500 volts
- Integrated with hoypower's patented BMS, Battery State real time Monitoring

Simple

- Modular design ;Quick and easy plug-and-play installation
- Can be flexibly scaled to accommodate any energy needs



Battery Pack technical specifications		
Cell configurations		1P48S
Rated capacity (Ah)		280
Rated energy (kWh)		43.088
Rated voltage (v)		153.6
Rated charge/discharge rate		0.5C
Voltage range (V)		134.4~172.8
Charge temperature range (°C)		-30~60
Discharge temperature range (°C)		-30~60
Storage temperature	Short term (<1month)(°C)	-30~60
	Long term (<1year)(°C)	0~35
Coolant		Ethylene glycol : aqueous solution (50%v :50%v)
Storage humidity		≤95%
Dimensions(W*D*H)(mm)		761*1036*246
Weight (Kg)		320
IP Rating		IP55
Life Cycle		8000
DC Round Trip Efficiency (%)		≥94%
Compliance		GB/T36276-2018 UL1973 IEC62619 UL9540A

Battery Stack technical specifications		
Battery Type		Lithium iron phosphate
Cell configurations		1P384S
Rated capacity (Ah)		280
Rated energy (kWh)		344.064
Rated voltage (v)		1228.8
Rated charge/discharge rate		0.5C
Voltage range (V)		1075.2-1382.4
Charge temperature range (°C)		-30~60
Discharge temperature range (°C)		-30~60
Storage temperature	Short term (<1month) (°C)	-30~60
	Long term (<1year)(°C)	0~35
Storage humidity		<95%
Dimensions(W*D*H)(mm)		857x1066.8x2429.7
Weight (Kg)		2800
IP Rating		IP20
Life Cycle		8000
DC Round Trip Efficiency (%)		≥93.5%
Compliance		GB/T36276-2018 IEC62619 UL1973 UL9540A