

## 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