

Product Parameters >

RAYSHEL POWER

Industrial & Commercial Energy Storage System

All for Energy Independence



www.rayshely-power.com

Rayshely Intelligent Energy (Changxing) Co.,Ltd.

Room 503, 5th Floor, No 202 Jinlianqiao Road, Zhicheng Street,
Changxing County, Huzhou City, Zhejiang Province, China

info@rayshely-power.com

Phone: +86 15557209111

VERSION:20250208

Solar Solutions Supplier

HJESLFP 120Ah

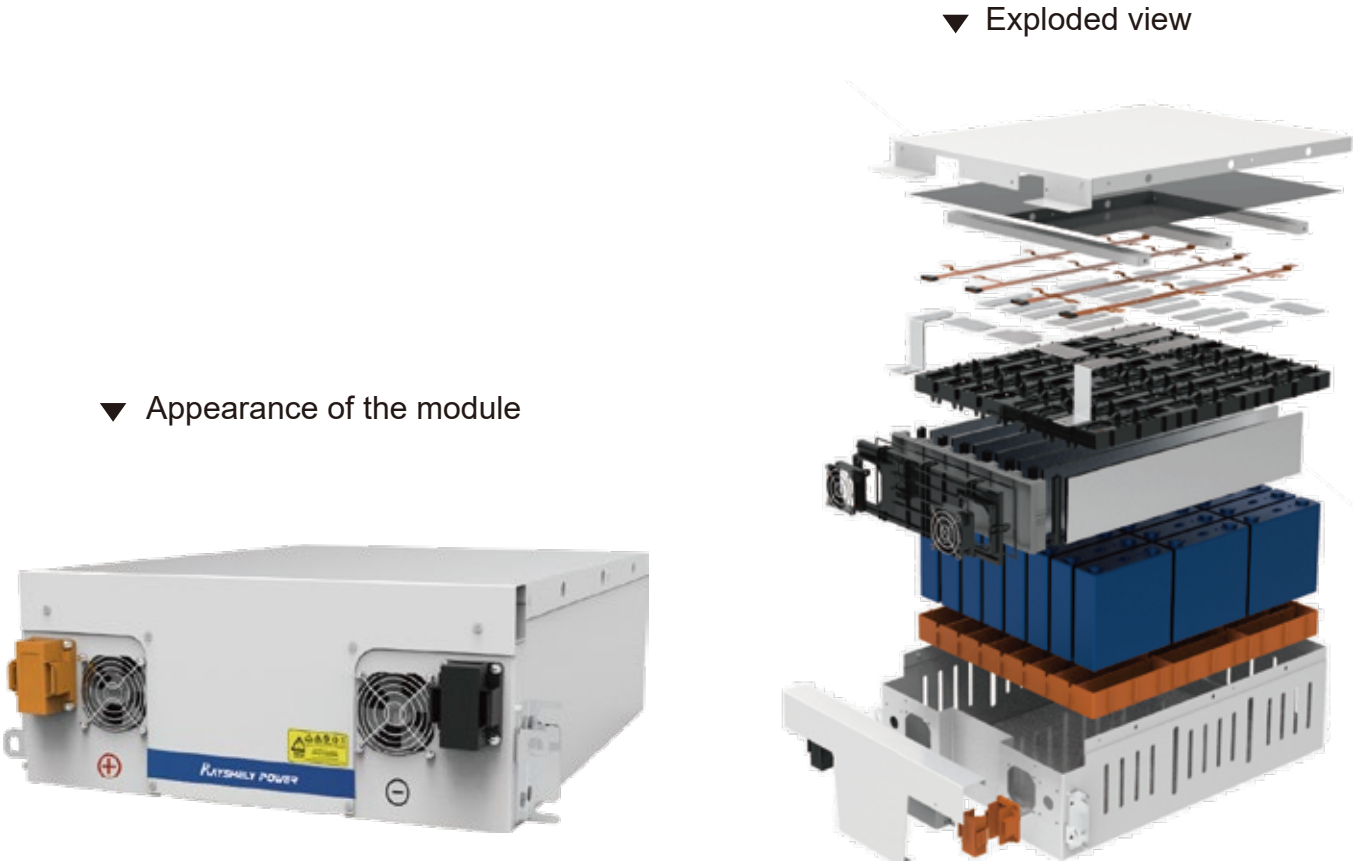
RAYSHELLY POWER

High-performance energy storage battery systems for industrial & commercial applications.

120Ah BATTERY MODULE

Single Module Parameters

Module Type	HJESLFP-38240	HJESLFP-76120
Cell Type	LFP48173170E-120Ah	LFP48173170E-120Ah
Combination	2P12S	1P24S
Nominal Voltage (V)	38.4	76.8
Nominal Capacity (Ah)	240	120
Nominal Energy (kWh)	9.216	9.216
Standard Charge current (A)	120(0.5C)A	120(1C)A
Maximum Charge current (A)	150(0.625C)A@5S	150(1.25C)A@5S
Standard Discharge Current (A)	120(0.5C)A	120(1C)A
Maximum Discharge Current (A)	150(0.625C)A@5S	150(1.25C)A@5S
Cooling Method	Natural Air Cooling	Forced Air Cooling
Operating Voltage (V)	33.6~43.2 V	67.2~86.4 V
Dimension (W*D*H) (mm)	468 x 642 x 202 mm	468 x 642 x 202 mm
Weight (kg)	90(±1.5)kg	90(±1.5)kg



EFFICIENCY



STABILITY



SMALLER

120Ah BATTERY CLUSTER

Battery Cluster Parameters

- ★ High-Powered emergency-backup and off-grid functionality
- ★ Quick customization of electricity
- ★ Patented modular plug design
- ★ Flexible and easy to use



Cluster Type	HJESLFP-38240	HJESLFP-76120	HJESLFP-38240 1500V	HJESLFP-76120 1500V
Cell Type	LFP48173170E-120Ah			
Module Type	HJESLFP-38240	HJESLFP-76120	HJESLFP-38240	HJESLFP-76120
Combination	2P(192S~240S)	1P(192S~240S)	2P(348S~420S)	1P(360S~408S)
Nominal Voltage (V)	614.4~768	614.4~768	1113.6~1344	1152~1305.6
Nominal Capacity (Ah)	240	120	240	120
Nominal Energy (kWh)	147.46~184.32	73.73~92.16	267.26~322.56	138.24~156.67
Std. Charge Current (A)	120(0.5C)	120(1C)	120(0.5C)	120(1C)
Max. Charge Current (A) @5S	150(0.625C)	150(1.25C)	150(0.625C)	150(1.25C)
Std. Discharge Current (A)	120(0.5C)	120(1C)	120(0.5C)	120(1C)
Max. Discharge Current (A)	150(0.625C)	150(1.25C)	150(0.625C)	150(1.25C)
Operating Voltage (V)	500~850 V	500~850 V	950~1500 V	950~1500 V
Dimension (W*D*H) (mm)	1086x732.5x2220	551x732.5x2270	2172x732.5x2014	1083x732.5x2014
Weight (kg)	≤1900 kg	≤950 kg	≤ 3550 kg	≤ 1800 kg

HJESLFP 280Ah

High-performance energy storage battery systems for industrial & commercial applications.

RAYSHELLY POWER

280Ah BATTERY MODULE

Single Module Parameters

Module Type	Balance-W·ONE	Balance-Flow·α
Cell Type	LFP71173205E-280Ah	LFP71173205E-280Ah
Combination	1P16S	1P48S
Nominal Voltage (V)	51.2	153.6
Nominal Capacity (Ah)	280	280
Nominal Energy (kWh)	14.336	43.008
Standard Charge current (A)	140A	140A
Maximum Charge current (A)	160A	160A
Standard Discharge Current (A)	140A	140A
Maximum Discharge Current (A)	160A	160A
Cooling Method	Forced Air Cooling	Liquid Cooling
Operating Voltage (V)	44.8~56.8 V	134.4~170.4 V
Dimension (W*D*H) (mm)	376 x 885 x 238 mm	810 x 1094 x 250 mm
Weight (kg)	108(±2)kg	295(±2)kg



▼ Balance-Flow·α



▲ Balance-W·ONE



EFFICIENCY



STABILITY



SMALLER

Battery Cluster Parameters

280Ah BATTERY CLUSTER

Balance-W·ONE

Forced Air Cooling

- ★ Free combination & configuration
- ★ Flexible series connection in vertical and horizontal
- ★ Compatible with 1000 v / 1500 v dc
- ★ Reduce the BMS cost by 30% through the combination of dual-module



Balance-Flow·α

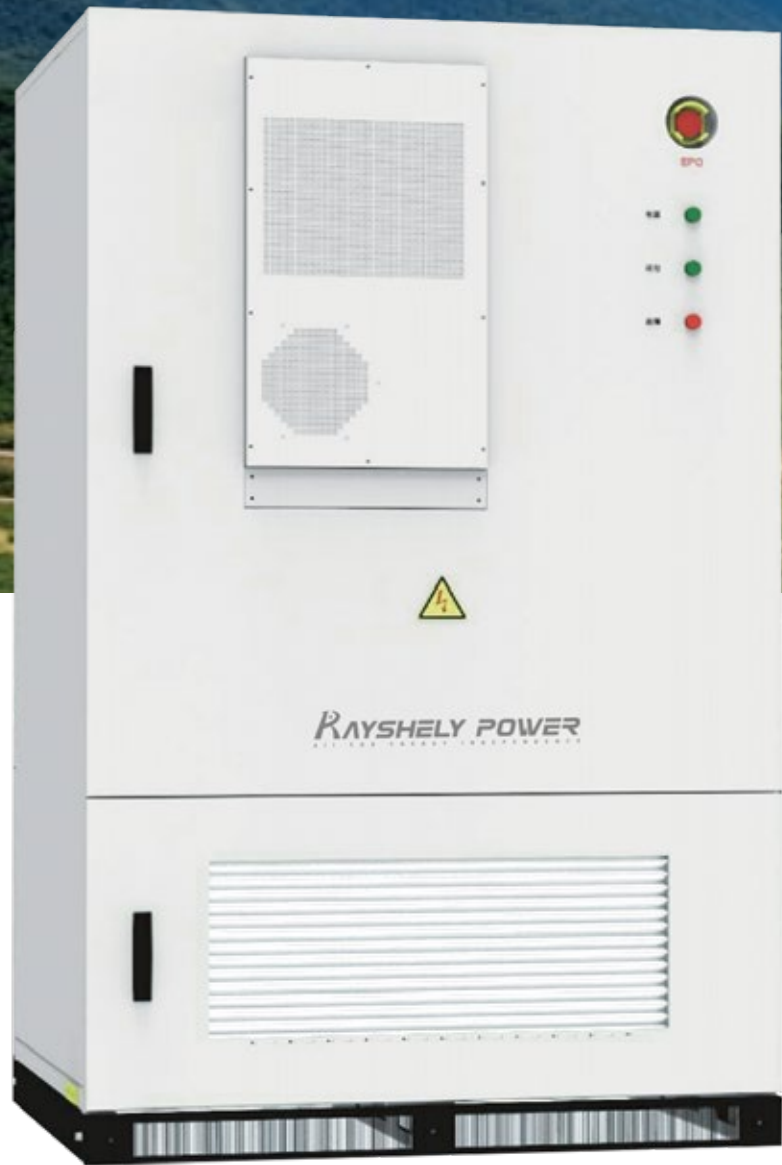
Liquid Cooling

- ★ No need to step inside of the container, save more space
- ★ Cluster shutoff valve for easily setup and maintain
- ★ Multi-level security and fast protection
- ★ Reduce the loss of cooling liquid



Cluster Type	Balance-W·ONE		Balance-Flow·α
Cell Type	LFP71173205E-280Ah	LFP71173205E-280Ah	LFP71173205E-280Ah
Combination	1P240S	1P416S	1P384S
Nominal Voltage (V)	768 V	1331.2 V	1228.8 V
Nominal Capacity (Ah)	280 Ah	280 Ah	280 Ah
Nominal Energy (kWh)	215.04 kWh	372.736 kWh	344.064 kWh
Charge/Discharge Ratio	0.5 Cp	0.5 Cp	0.5 Cp
Operating Voltage (V)	672 ~ 852 V	1164.8 ~ 1476.8 V	1075.2 ~ 1363.2 V
Operating Humidity Range	0 ~ 95%	0 ~ 95%	0 ~ 95%
Cooling Method	Forced Air Cooling	Forced Air Cooling	Liquid Cooling
IP Level	IP21	IP21	IP56
Dimension (W*D*H) (mm)	894 x 946 x 2088	945 x 1334 x 2334	914 x 1100 x 2300
Weight (kg)	1850 (±20) kg	3000 (±20) kg	2500 (±20) kg

RAYSHELLY POWER

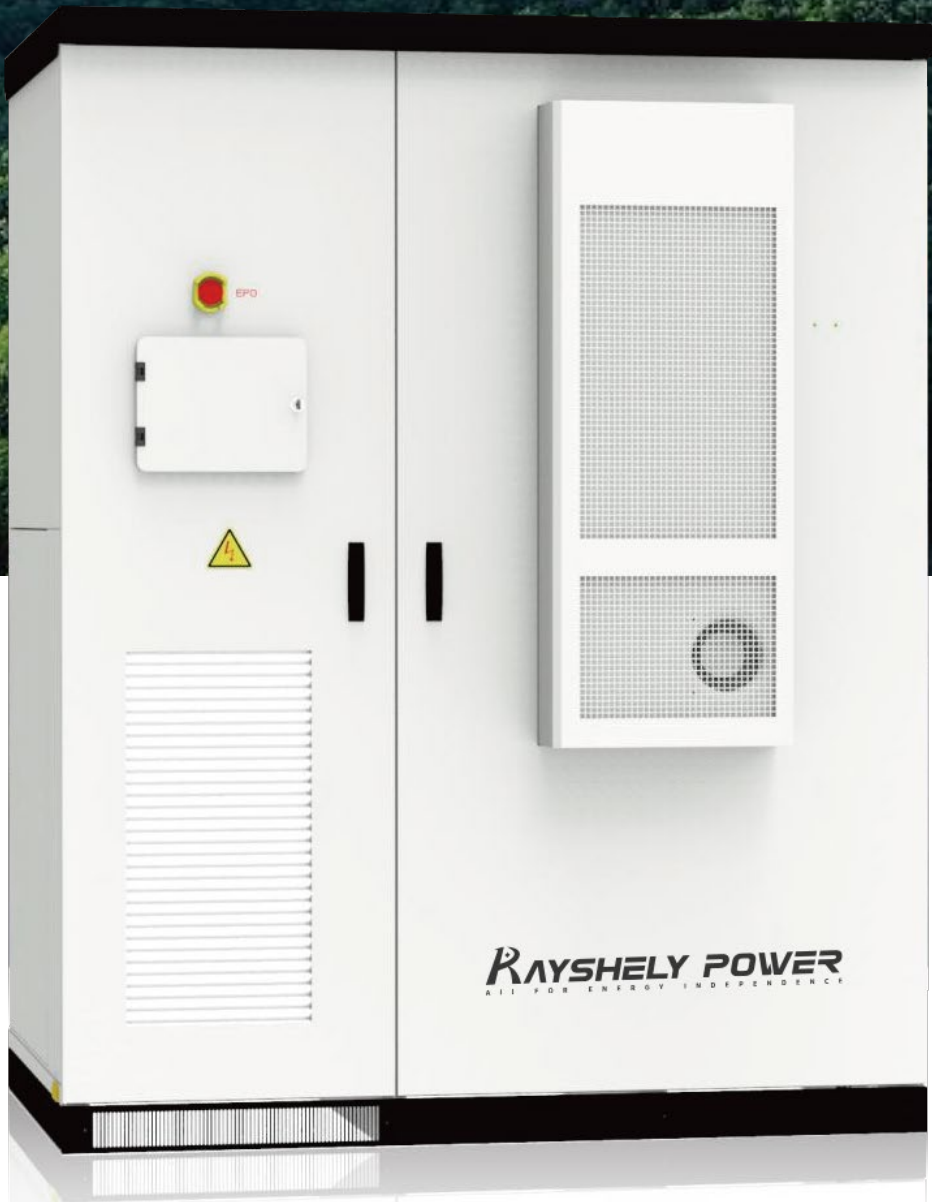


Monet-50Ts_{(DC50)(100kWh)}

Outdoor CabinetEnergy Storage System

Model	Monet-50Ts (DC50)(100kwh)
Battery rated capacity	100kWh
Battery rated voltage	844.8V
Battery voltage range	739.2V~950.4V
Battery type	Lithium Iron Phosphate battery(LFP)
Battery cell capacity	120Ah
Series of Battery	1p*24S*11S
Max charge and discharge current	60A
Photovoltaic rated capacity	50kW
Photovoltaic voltage range	200~550V
Rated AC power	50kW
Rated AC current	72A
Rated AC voltage	400V,3W+N+PE/3W+PE
Rated AC frequency	50/60Hz
THDI	<3% (Rated power)
Power Factor	-1leading to+1 lagging
THDU	<3% (Linear Load)
Degree of protection	IP54
Protective Class	I
Isolation mode	No-Isolation(Adding isolation transformer is optional)
Shutdown self-discharge	<100W(Without transformer)
Display	LCD
Relative humidity	0~95% (no condensation)
Noise	<78dB
Ambient temperature	25℃ to +60℃ (with derating at temperatures above 45℃)
Cooling mode	Intelligent air-cooled
Altitude	3000m(>3000m reduction)
Communication interface	CAN/Ethernet/485
Size (W*D*H)	1300*1030*2100mm
Weight (approx.)	2150kg

RAYSHELLY POWER



Monet-100Ts_(DC100)(215kWh)

Outdoor CabinetEnergy Storage System

Model	Monet-100TS (DC100)(215kwh)
Battery rated capacity	215kWh
System rated voltage	768V
System voltage range	672V~864V
Battery Type	Lithium iron phosphate battery (LFP)
Battery pack series and parallel connection	1P*20S*12S
Maximum charge and discharge current	140A
Rated AC power	100kw
Rated AC current	144A
Rated AC voltage	400V,3W+N+PE/3W+PE
Rated AC frequency	50/60Hz
Current total harmonic distortion rate THDI	<5% (rated power)
power factor	-1 lead~+1 lag
Voltage total harmonic distortion THDU	<3% (linear load)
degree of protection	IP54
protection level	I
isolation method	Transformer isolation
Power consumption during shutdown	<100VV (without transformer)
show	Touch LCD touch screen
Relative humidity	0~95%(no condensation)
noise	Less than 78dB
ambient temperature	-25℃℃~60℃(Derating above 45℃)
cooling method	Intelligent air cooling
Altitude	2000m(over 2000m derating)
BMSCommunication	CAN
EMS communication	Ethernet/ 485
Dimensions (W*D*H)	1800*1200*2300mm
WVweight (approx.)	3000kg

Match most inverters on the market:

RAYSHELLY POWER

