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JIEYO NEW ENERGY TECHNOLOGY CO.,LTD

BATTERY SYSTEM DESIGN MANUFACTURER





Jieyo New Energy Technology Co., Ltd was established in 2012. Located in Huizhou city, it is one of the most important cities in Great Bay Area, China. Our company covers an area of 10000 square meters and has 300 employees. We focus on R&D, production and sales of portable power station, household energy storage system and commercial energy storage solution. Our factory passed ISO9001, ISO14001 system certifications and SA8000 certification. And our products have passed UL, CE, CB, PSE, KC safety certificated and ROHS, REACH environmental certificate. Our products are sold to Europe, North America, Middle East East Asia, Oceania, Africa and other global markets. Adhering to the business principle of mutual benefits, we have had a reliable reputation among customers because of our professional services, quality products and competitive prices.



16KWh All In One Application



3.2KWh Wall mounted Application



Charging Electric Car Application

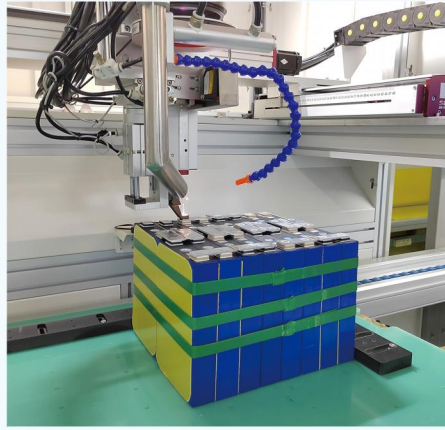


20KWh Rack Mounted Application

Workshop



Laser Welding Machine



Testing Cabinet



Office



Reception



Showroom



All in one Portable Power Station 1KW-3KW



SPECIFICATION

MODEL	JY1K1152	JY2K2048	JY3K2688
Battery Capacity	1152Wh	2048Wh	2688Wh
Rate Power	1200W	2000W	3000W
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal Voltage	25.6V	25.6V	25.6V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
AC output Power	2* (110V-120V/50-60Hz or 220V-230V/50-60Hz) 1200W in total	2* (110V-120V/50-60Hz or 220V-230V/50-60Hz) 2000W in total	2* (110V-120V/50-60Hz or 220V-230V/50-60Hz) 3000W in total
DC Output	QC3.0*1(120W) Type C*1(PD60W)	QC3.0*2(18W) Type C*2(PD18W)	QC3.0*2(18W) Type C*2(PD36W)
Car Output	12V/10A(Max120W)	12V/10A(Max120W)	12V/10A(Max120W)
AC input	(110V~120V/50~60Hz or 220V~230V/50~60Hz)	(110V~120V/50~60Hz or 220V~230V/50~60Hz)	(110V~120V/50~60Hz or 220V~230V/50~60Hz)
PV input(Built-in Mppt)	≤400W(11-30V/13.3A)	≤800W(12-60V/20A)	≤1600W(30-90V/30A)
Weight	39.6LBS/18KG	66-77LBS/30-35KG	77-88LBS/35-40KG
Charge Current	≤20A	≤20A	≤30A
Discharge Current	≤45A	≤80A	≤120A
Dimension L*W*H (mm)	12*9*17.6inch (305*231*448mm)	15*11*9inch (380*280*230mm)	16*15*10.43inch (405*380*265mm)
Enclosure Protection	IP55	IP55	IP55
UPS Function	Yes	Yes	Yes
Bluetooth/WiFi/GPS	Optional	Optional	Optional
Warranty	2200 cycle or 6 years	2200 cycle or 6 years	3000 cycle or 6 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3
Case Type	Pull Rod with wheels and Backpack	Pull Rod with wheels and Backpack	Pull Rod with wheels
Solar Panel(Optional)	≤400W	≤800W	≤1600W

All in one Portable Power Station3KW-5KW



SPECIFICATION

MODEL	JY3K3200	JY3K4378	JY5K5376
Battery Capacity	3200Wh	4378Wh	5376Wh
Rate Power	3000W	3000W	5000W
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal Voltage	25.6V	25.6V	51.2V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
AC output Power	2* (110V-120V/50-60Hz or 220V-230V/50-60Hz) 3000W in total	2* (110V-120V/50-60Hz or 220V-230V/50-60Hz) 3000W in total	2* (110V-120V/50-60Hz or 220V-230V/50-60Hz) 5000W in total
DC Output	QC3.0*2(18W) Type C*2(PD36W)	QC3.0*2(18W) Type C*2(PD36W)	QC3.0*2(18W) Type C*2(PD36W)
Car Output	12V/10A(Max120W)	12V/10A(Max120W)	12V/10A(Max120W)
AC input	(110V~120V/50~60Hz or 220V~230V/50~60Hz)	(110V~120V/50~60Hz or 220V~230V/50~60Hz)	(110V~120V/50~60Hz or 220V~230V/50~60Hz)
PV input(Built-in Mppt)	≤1600W(30-90V/30A)	≤1600W(30-90V/30A)	≤4400W(120-500V/30A)
Weight	88-99LBS/40-45KG	110-121LBS/50-55KG	132-143LBS/60-65KG
Charge Current	≤40A	≤40A	≤30A
Discharge Current	≤120A	≤120A	≤120A
Dimension L*W*H (mm)	17.12*15*10.43inch (435*380*265mm)	18.7*19*13inch (475*485*330mm)	21.65*20.27*15.15inch (550*515*385mm)
Enclosure Protection	IP55	IP55	IP55
UPS Function	Yes	Yes	Yes
Bluetooth/WiFi/GPS	Optional	Optional	Optional
Warranty	3000 cycle or 6 years	3000 cycle or 6 years	3000 cycle or 6 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3
Case Type	Pull Rod with wheels	Pull Rod with wheels	Pull Rod with wheels
Solar Panel(Optional)	≤1600W	≤1600W	≤4400W

Mobile EV charging station



SPECIFICATION

MODEL		JY25K-30	
Battery parameters		Charging parameters	
Battery charging power	GBT DC charging port	rated power	30kW
Charging voltage	220V(AC)/512V (DC)	Installation	Vertical
Charging port	National Standard	Output voltage range	50-750Vdc
Nominal capacity	25.6KWh	Output current range	0-60A
Charging rate	≤0.5C	HMI	7-inch touch screen (charging station) /10.1-inch touch screen (battery)
Discharge rate	≤1C	Charging Mode	Automatically charge, set power set amount, set time
Battery voltage range	448~576V	payment method	Card payment, QR code payment
Discharge Depth	≤95%DOD (recommended)	Networking	4G
Cycles	>5000 times	Networking Protocol	National Standard Agreement
Cell Type	3.2V/50Ah (lithium iron phosphate)	Charging interface standard	National Standard
Pack Voltage	51.2V(16 strings)	Machine parameters	
Rated voltage	512V	Size L*W*H/mm	63*27.55*41.33inch (1600*700*1050mm)
Rated frequency	50Hz	Weight/kg	77.62LBS/350KGS
Installation	Outdoor Cabinet	Operating temperature/ °C	-10 °C-55 °C(14°F-131°F)
Cooling method	Air Cooling	Cooling method	Air Cooling
Protection level	IP54	Altitude/m	2000m
Isolation method	non-isolated	Noise/dB	≤60dB
		Relative humidity/RH	5%~95%RH, no condensation

5KW,Max 15pcs in parallel



SPECIFICATION

MODEL	JYW512100	JYW512150	JYW512200
Battery Capacity	5120Wh	7680Wh	10240Wh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal voltage	51.2V	51.2V	51.2V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Standard charge current	≤50A	≤75A	≤100A
Standard discharge current	≤50A	≤75A	≤100A
Maximum discharge current	≤100A	≤150A	≤200A
Weight	99.2-110LBS/45-50KG	154-165LBS/70-75KG	209-220LBS/95-100KG
Dimension W*D*H (mm)	16.73*6.5*21.26inch (425*165*540mm)	18.3*7.28*23.6inch (465*185*600mm)	19.68*8.7*25.2inch (500*205*640mm)
Communication function	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN
Bluetooth/WiFi/GPS	Optional	Optional	Optional
Warranty	6000cycles or 8 years	6000cycles or 8 years	6000cycles or 8 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3
Inverter(optional)			
Power	5KW	5-10KW	5-15KW
AC input	110V~120V/50~60Hz 220V~230V/50~60Hz (CN,EU,UK)	110V~120V/50~60Hz 220V~230V/50~60Hz	110V~120V/50~60Hz 220V~230V/50~60Hz
PV input(Built-in Mppt)	40-60V/40A	40-60V/40A	40-60V/40A
AC Output	110V-120V/50-60Hz 220V-230V/50-60Hz	110V-120V/50-60Hz 220V-230V/50-60Hz	110V-120V/50-60Hz 220V-230V/50-60Hz
Wireless WiFi	Yes	Yes	Yes
Solar Panel(Optional)	≤2400W	≤4800W	≤7200W

Ultra-thin design ESS



SPECIFICATION

MODEL	JYW24125	JYW48125
General Specification		
Battery Capacity	3200Wh	6400Wh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate
Nominal Voltage	25.6V	51.2V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)
Standard charge current	≤20A	≤20A
Standard discharge current	≤75A	≤75A
Maximum discharge current	≤100A	≤100A
Weight	66LBS/30KG	99LBS/45KG
Dimension W*D*H (mm)	25.6*3.14*15.75inch (650*80*400mm)	41.33*3.14*15.75inch (1050*80*400mm)
Communication function	RS485、RS232、CAN	RS485、RS232、CAN
Bluetooth/WiFi/GPS	Bluetooth	Bluetooth
Warranty	6000cycles or 8years	6000cycles or 8years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3
Inverter(optional)		
Power	3KW	5KW
AC input	110V~120V/50~60Hz or 220V~230V/50~60Hz	110V~120V/50~60Hz or 220V~230V/50~60Hz
PV input(Built-in Mppt)	40V-60V	40-60V
AC Output	30-90V/30A	120-500V/30A
Wireless WiFi	110V-120V/50-60Hz or 220V-230V/50-60Hz	110V-120V/50-60Hz or 220V-230V/50-60Hz
Solar Panel(Optional)		
Power	≤2200W	≤4400W

Rack Mounted Battery



SPECIFICATION

MODEL	JYETS512100	JYETS512150	JYETS512200
ELECTRICAL PERFORMANCE			
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	150Ah	200Ah
Energy	5120Wh	7680Wh	10240Wh
Cells	Square aluminum shell	Square aluminum shell	Square aluminum shell
CHARGE PER FORMANCE			
Recommended ChargeCurrent	30A	50A	75tA
Maximum Charge Current	≤100A(5s)	≤150A(5s)	≤250A(5s)
Recommended Charge Voltage	57.6V	57.6V	57.6V
BMS Charge Cut-Off Voltage	<58.4V	<58.4V	<58.4V
Reconnect Voltage	>56.8V	>56.8V	>56.8V
DISCHARGE PERFORMANCE			
Maximum Continuous Discharge Current	75A	100A	150A
Peak Discharge Current	≤100A(≤5s)	≤150A(≤5S)	≤200A(≤5S)
BMS Discharge Cut-Off Current	120A±10A(50-150ms)	200A ±10A (50-150ms)	210A ±10A (50-150ms)
BMS Discharge Cut-Off Voltage	>40V(2s)	>40V(2s)	>40V(2s)
Short Circuit Protection	450~800μs	450 ~ 800 μs	450 ~ 800 μs
Dimension(LxWxH)	14.56*19.68*6.3inch (370*500*160mm)	17.32*19.68*8.77inch (440*500*223mm)	17.32*19.68*10.23inch (440*500*260mm)
Approx.Weight	99.2lbs(45kgs)	165.3lbs(75kgs)	198.4lbs(90kgs)
Case Material	iron	iron	iron
Enclosure Protection	IP55	IP55	IP55
Discharge Temperature	-4~131°F(-20~55°C)	-4 ~ 131 °F (-20 ~ 55 °C)	-4 ~ 131 °F (-20 ~ 55 °C)
Certifications	CE,UN38.3,UL1642	CE,UN38.3,UL1642	CE,UN38.3,UL1642

5KW one module,Max 15pcs in parallel



SPECIFICATION

MODEL	JYS5000	JYS10000	JYS25000
General Specification			
Battery Capacity	5120Wh	10240Wh	25600Wh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal voltage	51.2V	51.2V	51.2V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Standard charge current	≤50A	≤100A	≤150A
Standard discharge current	≤50A	≤100A	≤150A
Maximum discharge current	≤100A	≤200A	≤300A
Weight	99-110LBS/45-50KG	198-209LBS/90-95KG	496-507LBS/225-230KG
Dimension W*D*H (mm)	33.85*12.20*8.86inch (860*310*225mm)	33.85*12.2*16.14inch (860*310*410mm)	33.85*12.20*38inch (860*310*965mm)
Communication function	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN
Bluetooth/WiFi/GPS	Bluetooth	Bluetooth	Bluetooth
Warranty	6000cycles or 8years	6000 cycles or 8 years	6000 cycles or 8 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3
Inverter(optional)			
Power	3-5KW	5-10KW	10-15KW
DC input	40V-60V	40V-60V	40V-60V
AC input	110V~120V/50~60Hz or 220V~230V/50~60Hz	110V~120V/50~60Hz or 220V~230V/50~60Hz	110V~120V/50~60Hz or 220V~230V/50~60Hz
PV input(Built-in Mppt)	120-500V/50A	120-500V/100A	120-500V/150A
AC Output	110V-120V/50-60Hz or 220V-230V/50-60Hz	110V-120V/50-60Hz or 220V-230V/50-60Hz	110V-120V/50-60Hz or 220V-230V/50-60Hz
Solar Panel(Optional)			
Power	≤2200W	≤4400W	≤17600W



All in one design ESS



SPECIFICATION

MODEL	JYA5000	JYA10000	JYA15000
General Specification			
Battery Capacity	5120Wh	10240Wh	16076Wh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal Voltage	51.2V	51.2V	51.2V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Standard charge current	≤50A	≤100A	≤150A
Standard discharge current	≤50A	≤100A	≤150A
Maximum discharge current	≤100A	≤200A	≤300A
Weight	154-176LBS/70-80KG	286.6-308.6LBS/130-140KGS	297-308LBS/135-140KG
Dimension W*D*H (mm)	33.23*23.62*10.95inch (844*600*278mm)	49.57*23.62*10.95inch (1259*600*278mm)	44.48*29.52*10.28inch (1130*750*275mm)
Communication function	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN
Bluetooth/WiFi/GPS	Optional	Optional	Optional
Warranty	6000cycles or 8years	6000 cycles or 8 years	6000 cycles or 8 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3
Inverter			
Power	5KW-8KW-10KW	5KW-8KW-10KW	5KW-8KW-10KW
AC input	110V~120V/50~60Hz (US/JP) 220V~230V /50~60Hz (CN,EU,UK) 380V Optional	110V~120V/50~60Hz(US/JP) 220V~230V /50~60Hz(CN,EU,UK) 380V Optional	110V~120V/50~60Hz (US/JP) 220V~230V /50~60Hz(CN,EU,UK) 380V Optional
PV input(Built-in Mppt)	120-500V/40A	120-500V/40A	120-500V/40A
AC Output	110V-120V/50-60Hz 220V-230V/50-60Hz	110V-120V/50-60Hz 220V-230V/50-60Hz	110V-120V/50-60Hz 220V-230V/50-60Hz
Wireless WiFi	Yes	Yes	Yes
Solar Panel(Optional)			
Power	≤2400W	≤2400W	≤20000W



Home High Voltage ESS



SPECIFICATION

MODEL	JYH204V10	JYH204V20	JYH204V30
General Specification			
Battery Capacity	10.24KWh	20.48KWh	30.72KWh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal voltage	204.8V	204.8V	204.8V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Charge current	≤50A	≤100A	≤150A
Standard discharge current	≤25A	≤50A	≤100A
Maximum discharge current	≤50A	≤100A	≤160A
Weight	264LBS/120KG	529LBS/240KG	793LBS/360KG
Dimension W*H*D (mm)	25.6*35.4*11inch (650*899*279mm)	27.6*39.4*11inch (701*1000*279mm)	31.5*39.4*11.8inch (800*1000*300mm)
Communication function	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN
Bluetooth/WiFi/GPS	Optional	Optional	Optional
Warranty	6000 cycles or 8 years	6000 cycles or 8 years	6000 cycles or 8 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3
three phase Inverter(Optional)			
Power	10KW	24KW	24KW
AC input	110V-220V/50-60HZ	300-475VAC(Three phase) / ≤45A	300-475VAC(Three phase) / ≤45A
DC input	125-600VDC	240-360VDC / ≤100A	240-360VDC / ≤100A
PV input(Built-in Mppt)	180-850VDC/< 50A	380V/50-60Hz (Three Phase)	380V/50-60Hz (Three Phase)
AC Output	400/360-440VAC	Yes	Yes
Solar Panel(Optional)			
Power	≤4400W	≤4400W	≤4400W

High Voltage ESS for Industry and Commercial



SPECIFICATION

MODEL	JYH20020	JYH20060
General Specification		
Battery Capacity	21.5KWh	61.8KWh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate
Nominal voltage	204.8V	204.8V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)
Standard charge current	≤100A	≤150A
Standard discharge current	≤100A	≤150A
Maximum discharge current	≤160A	≤160A
Weight	794LBS/360KG	1323LBS/600KG
Dimension L*W*H (mm)	20.9*26*63.4inch(531*660*1610mm)	29.9*26*63.78inch (760*660*1620mm)
Communication function	RS485、 RS232、 CAN	RS485、 RS232、 CAN
Bluetooth/WiFi/GPS	Optional	Optional
Warranty	6000 cycles or 8 years	6000 cycles or 8 years
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3
three phase Inverter(Optional)		
Power	24KW	24KW
AC input	300-475VAC(Three phase) / ≤45A	300-475VAC(Three phase) / ≤45A
PV input(Built-in Mppt)	240-360VDC / ≤100A	240-360VDC / ≤100A
AC Output	380V/50-60Hz (Three Phase)	380V/50-60Hz (Three Phase)
Wireless WiFi	Yes	Yes
Solar Panel(Optional)		
Power	≤4400W	≤4400W

High power outdoor energy storage

SPECIFICATION

MODEL	JYH204V20	JYH409V40	JYH640V200
General Specification			
Battery Capacity	20KWh	40KWh	200KWh
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Nominal Voltage	204.8V	409.6V	640V
Operate Temperature	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)	(-10 - 50°C (14°F-122°F)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Standard charge current	≤50A	≤100A	≤150A
Standard discharge current	≤50A	≤100A	≤150A
Maximum discharge current	≤100A	≤200A	≤300A
Weight	771-782LBS/350-355KG	1543-1565LBS/700-710KG	7716-7826LBS/3500-3550KG
Dimension W*D*H (mm)	47*39*59inch (1200*1000*1500mm)	94.5*31.5*59inch (2400*800*1500mm)	141*40*47inch (3600*1000*1200mm)
Communication function	RS485、RS232、CAN	RS485、RS232、CAN	RS485、RS232、CAN
Bluetooth/WiFi/GPS	Bluetooth/WiFi	Bluetooth/WiFi	Bluetooth/WiFi
Warranty	6000cycles or 8years	6000 cycles or 8 years	6000 cycles or 8 years
Inverter			
Grid connect type	Three-phase four-wire + ground wire (3W+N+PE)	Three-phase four-wire + ground wire (3W+N+PE)	Three-phase four-wire + ground wire (3W+N+PE)
Power	10KW	30KW	100KW
AC input	110V~220V/50-60Hz	320~460V/50-60Hz	320~460V/50-60Hz
DC input	125-600V/50-60Hz	250-850V/50-60Hz	420-850V/50-60Hz
PV input(Built-in Mppt)	180-850V/50-60Hz	250-850V/50-60Hz	250-850V/50-60Hz
AC Output	360~440V/50-60Hz	320~460V/50-60Hz	360~440V/50-62Hz
Solar Panel(Optional)			
Power	≤13200W	≤26400W	≤88000W

12V LiFePO4 BATTERY PACK

SPECIFICATION

ITEM	JYF12050	JYF12100	JYF12150	JYF12200
Nominal Voltage	12.8V	12.8V	12.8V	12.8V
Norminal Capacity	50AH	100AH	150AH	200AH
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Charge voltage	14.4V	14.4V	14.4V	14.4V
Standard charge current	≤25A	≤50A	≤75A	≤100A
Standard discharge current	≤25A	≤50A	≤75A	≤100A
Maximum discharge current	≤50A	≤100A	≤100A	≤200A
Charging Temperature	0- 45℃（32F-113F）	0- 45℃（32F-113F）	0- 45℃（32F-113F）	0- 45℃（32F-113F）
Operating Temperature	-20- 55℃（-4F-131F）	-20- 55℃（-4F-131F）	-20- 55℃（-4F-131F）	-20- 55℃（-4F-131F）
Storage Temperature	-5- 35℃（23F-96F）	-5- 35℃（23F-96F）	-5- 35℃（23F-96F）	-5- 35℃（23F-96F）
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Dimension(LxWxH)	9.25*5.51*8.27inch (235*140* 210mm)	13*6.89*8.86inch (330*175*225mm)	20*9.15*9.45inch (510*230*240mm)	20*9.84*9.15inch (510*250*230mm)
BMS temperature protection	Charge Cut-off @ 0℃ Discharge Cut-off @ 60℃	Charge Cut-off @ 0℃ Discharge Cut-off @ 60℃	Charge Cut-off @ 0℃ Discharge Cut-off @ 60℃	Charge Cut-off @ 0℃ Discharge Cut-off @ 60℃
Connection	Max 4S4P	Max 4S4P	Max 4S4P	Max 4S4P
LCD Display	Optional	Yes	Yes	Yes
Bluetooth	Optional	Yes	Yes	Yes
Preheating	Optional	Yes	Yes	Yes
Enclosure Protection	IP65	IP65	IP65	IP65
Case Material	ABS	ABS	ABS	ABS
Warranty	6000 cycles	6000 cycles	6000 cycles	6000 cycles
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3





24V/36V/48V LiFePO4 BATTERY PACK



SPECIFICATION

ITEM	JYF24050	JYF24100	JYF36050	JYF48050
Nominal Voltage	25.6V	25.6V	38.4V	51.2V
Norminal Capacity	50Ah	100Ah	50Ah	50Ah
Cell Chemistry	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
Charge voltage	28.8V	28.8V	43.2V	58.4V
Standard charge current	≤25A	≤50A	≤25A	≤25A
Standard discharge current	≤25A	≤50A	≤25A	≤25A
Maximum discharge current	≤50A	≤100A	≤50A	≤50A
Charging Temperature	-40- 45℃ (-40 ℉ -113 ℉)	-40- 45℃ (-40 ℉ -113 ℉)	-40- 45℃ (-40 ℉ -113 ℉)	-40- 45℃ (-40 ℉ -113 ℉)
Operating Temperature	-40- 55℃ (-40 ℉ -131 ℉)	-40- 55℃ (-40 ℉ -131 ℉)	-40- 55℃ (-40 ℉ -131 ℉)	-40- 55℃ (-40 ℉ -131 ℉)
Storage Temperature	-5- 35℃ (23 ℉ -96 ℉)	-5- 35℃ (23 ℉ -96 ℉)	-5- 35℃ (23 ℉ -96 ℉)	-5- 35℃ (23 ℉ -96 ℉)
Humidity	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)	15%~85%(no condensing)
Dimension(LxWxH)	13*6.89*8.86inch (330*175*225mm)	20*9.85*9.05inch (510*250*230mm)	20*9.85*9.05inch (510*250*230mm)	20*9.85*9.05inch (510*250*230mm)
Weight	27.5LBS/12.5KG	57.3LBS/26KG	48.5LBS/22KG	57.3LBS/26KG
BMS temperature protection	Charge Cut-off @ -40 ℃ Discharge Cut-off @ 60 ℃	Charge Cut-off @ -40 ℃ Discharge Cut-off @ 60 ℃	Charge Cut-off @ -40 ℃ Discharge Cut-off @ 60 ℃	Charge Cut-off @ -40 ℃ Discharge Cut-off @ 60 ℃
Connection	Max 2S2P	Max 2S2P	Parallel Only, Max 2P	Parallel Only, Max 2P
LCD Display	Yes	Yes	Yes	Yes
Bluetooth	Yes	Yes	Yes	Yes
Preheating	Yes	Yes	Yes	Yes
Enclosure Protection	IP65	IP65	IP65	IP65
Case Material	ABS	ABS	ABS	ABS
Warranty	6000 cycles	6000 cycles	6000 cycles	6000 cycles
Certification	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3	CE,FCC,UN38.3