

DEEP CYCLE LITHIUM 12V & 24V LiFePO4

APPLICATION



Off-grid Solar ESS



RV / Camper Power



Marine / Yatch



Camping Power Supply



Night Fishing Power



Solar Street Light

COMPARISON



COMMON ABS

- ✓ (FINISHED PRODUCT) **- WATERPROOF IP65**
- NOT AVAILABLE TO OPEN COVER ONCE SEAL
- NOT AVAILABLE TO REMOVE COVER TO REPLACE BMS WHEN BMS FAULTY
- NOT AVAILABLE TO SEAL AGAIN ONCE OPEN COVER

VS

SCREW ABS

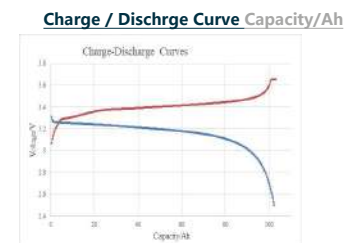
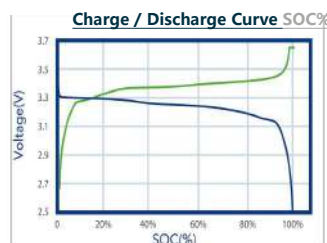
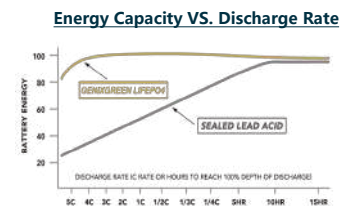
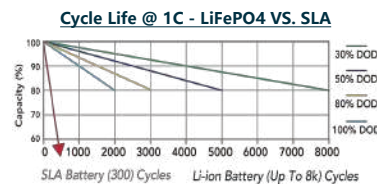
- ✓ (FINISHED PRODUCT) **- WATERPROOF IP65**
- ✓ **- EASILY OPEN COVER FOR CHECKING INNER**
- ✓ **- REMOVABLE COVER TO REPLACE BMS WHEN BMS FAULTY**
- ✓ **- RE-SEAL WON'T AFFECT THE WATERPROOF EFFECT**

Why Choose Genixgreen Lithium Battery

- Powerful and Reliable**
- Environmental Friendly**
- Intelligent Bluetooth BMS**
- Built-in Safety Protection**
- APP Monitor**
- 5 ~ 8 Years Service Life**
- Support Parallels & Series Connection**



CURVES

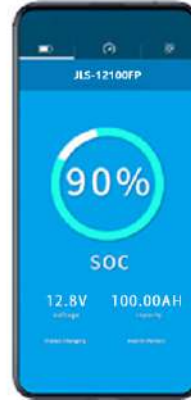


DEEP CYCLE LITHIUM 12V & 24V LiFePO4

BMS with bluetooth



APP browse



Basic info:
soc(%)
Voltage (v) Current (A)
Status,Health

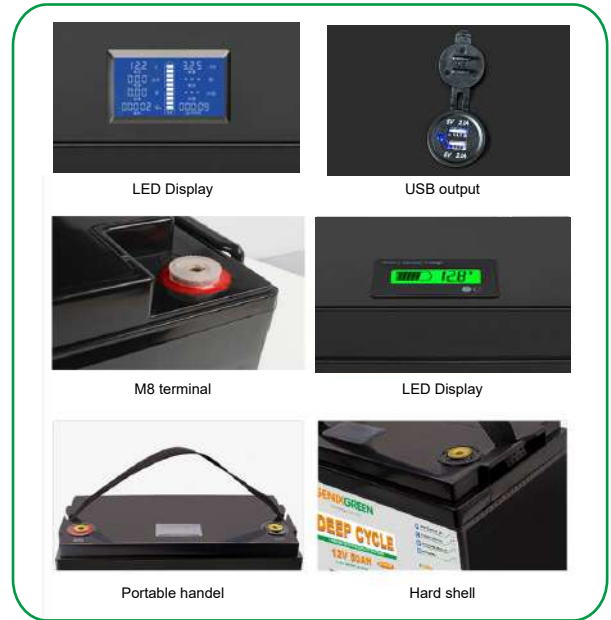


U1.T.Cinfo:
Voltage (v),Current (A),
temperature,
Cycle life

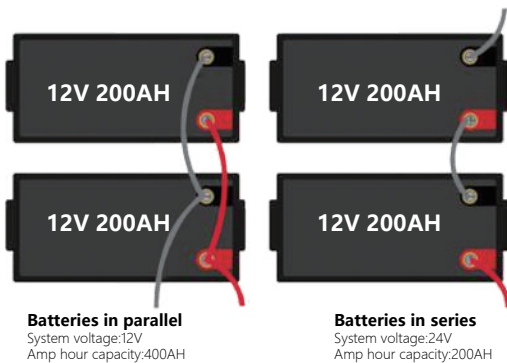
Wrapped by heat pad



Multi-version function



Support series parallel connection



High quality ABS materials



DEEP CYCLE LITHIUM 12V & 24V LiFePO4

Production Process



Battery Sorting



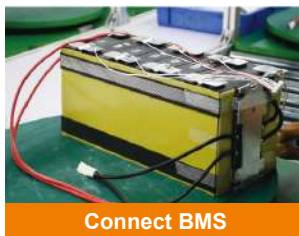
Fixing Frame



Laser Welding



Rivet Fixed Signal Collection Line



Connect BMS



Wire Winding Storage & Stick EVA



Testing By Testing System



Paste EVA & Battery Housing



Aging Test



Finished Product

Packaging Process



Packaging







DEEP CYCLE LITHIUM 12V & 24V LiFePO4

GENIXGREEN[®]

JLS-12100FP

Technology Luster Life

SPECIFICATION

Model	JLS-1207FP	JLS-1212FP	JLS-1220FP	JLS-1250FP	JLS-12100FP	JLS-12200FP
Picture						
Nominal Voltage	12.8V					
Nominal Capacity @25°C	7AH	12AH	20AH	50AH	100AH	200AH
Nominal Energy @25°C	89.6WH	153.6WH	256WH	640WH	1280WH	2560WH
Battery Cell Type	Cylinder			Prismatic 50Ah	Prismatic 100Ah	Prismatic 100Ah
Configuration (*S*P)	4S1P	4S2P	4S3P	4S1P	4S1P	4S2P
Max. Continuous Charge Current @25°C	7A	12A	20A	50A	100A	200A
Max. Pulse charge Current @25°C,10s	9A	15A		60A	120A	240A
Max. Continuous Charge Current @25°C	7A	12A	20A	50A	100A	200A
Max. Pulse Discharge Current @ 25°C, 10s	9A	15A		60A	120A	240A
DC Resistance	≤10mΩ					
Float charge voltage						
Full Charged Voltage	14.6V					
Discharge Cut-off Voltage	10V					
Operate Temperature Range	Charge: 0°C~55°C;		Discharge: -20°C~60°C;		Storage: -20°C~45°C	
Humidity (non-condensing)	Max. 95%					
Dimension (mm)	152*65*94mm	152*99*100mm		229*138*208mm	326*171*215mm	522*240*218mm
Weight (KG)	1.1KG	1.7KG	3KG	7KG	13.5KG	25KG
Terminal Type	F1 terminal			Screw terminal		
Cover Sealing type	Screw / gel sealing optional					
Waterproof	IP65					
Cycle life	100% DOD Cycles @ 25°C, 1C/1C: >2000 times; 80% DOD Cycles @ 25°C, 1C/1C: >3000 times 50% DOD Cycles @ 25°C, 1C/1C: >5000 times					
Service Life	5-10 years					
Warranty	3 years					
LCD Screen Display	Optional (Show voltage V, Power %)					
Bluetooth	Optional (Bluetooth with mobile APP)					
Series and Parallels Function	Available to make in series and parallels to get 24V, 36V, 48V					

DEEP CYCLE LITHIUM 12V & 24V LiFePO4

SPECIFICATION

Model	JLS-2450FP	JLS-24100FP	JLS-24120FP	JLS-24200FP
Picture				
Nominal Voltage	25.6V			
Nominal Capacity @25°C	50AH	100AH	120AH	200AH
Nominal Energy @25°C	1280WH	2560WH	3072WH	5120WH
Battery Cell Type	Prismatic 50Ah	Prismatic 100Ah	Prismatic 120Ah	Prismatic 200Ah
Configuration (*S*P)	8S1P	8S1P	8S2P	8S2P
Max. Continuous Charge Current @25°C	50A	100A	120A	200A
Max. Pulse charge Current @ 25°C, 10s	60A	120A	140A	240A
Max. Continuous Charge Current @25°C	50A	100A	120A	200A
Max. Pulse Discharge Current @ 25°C, 10s	60A	120A	140A	240A
DC Resistance	≤10mΩ			
Full Charged Voltage	29.2V			
Discharge Cut-off Voltage	20V			
Operate Temperature Range	Charge: 0°C~55°C;		Discharge: -20°C~60°C;	
	Storage: -20°C~45°C			
Humidity (non-condensing)	Max. 95%			
Dimension (mm)	326*171*215mm	522*240*218mm	522*240*218mm	550*443*200mm
Weight (KG)	13.5KG	25KG	28KG	48KG
Terminal Type	Screw terminal			
Cover Sealing type	Screw / gel sealing optional			
Waterproof	IP65			
Cycle life	100% DOD Cycles @ 25°C, 1C/1C: >2000 times 80% DOD Cycles @ 25°C, 1C/1C: >3000 times 50% DOD Cycles @ 25°C, 1C/1C: >5000 times			
Service Life	5-10 years			
Warranty	3 years			
LCD Screen Display	Optional (Show voltage V, Power %)			
Bluetooth	Optional (Bluetooth with mobile APP)			
Series and Parallels Function	Available to make in series and parallels to get 48V			

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Wechat QR cod