



Ηλεκτρονικά Ισχύος
Power Electronics

LITHIUM BATTERIES

LASTING STRENGTH
ZERO LIMITS








OFFICIAL DISTRIBUTOR



- **Plastic-Shell Lithium Solution**
- **Cell Introduction**
- **Application Case**



Iron-V LFP12&24V

Model	LFP12-9EV	LFP12-20EV	LFP12-60EV	LFP12-100SEV	LFP12-150EV	LFP12-200EV	LFP24-100EV
Pictures							
Specification	12V9Ah	12V20Ah	12V60Ah	12V100Ah	12V150Ah	12V200Ah	24V100Ah
Nominal Voltage /V	12.8	12.8	12.8	12.8	12.8	12.8	25.6
Capacity/Ah (0.5C/25°C)	9	20	60	100	150	200	100
Energy/Wh	115	256	768	1280	1920	2560	2560
weight/Kg	1.25	3.3	9.3	10.3	20	24.5	24
Dimension/mm	65*152*98	181*77 *167	229*138 *213	306*169 *215	482*170*240	527*222 *249	527*222*249
Terminal	F2	M5	M6	M8	M8	M8	M8
Max Discharge Rurrent /A	18	30	60	100	150	150	100
Max Charge Rurrent /A	9	20	60	100	150	150	100
Peak Discharge Current /A	25(10mS)	80(10S)	100(10S)	200(15S)	200(15S)	245(15S)	200
Shell Material	ABS	ABS	ABS	ABS	ABS	ABS	ABS

51.2V Household Energy Storage

stackable



Wall-mounted



General parameter	Nominal voltage	51.2V
	Nominal capacity(25°C,0.5C)	100Ah
	Nominal energy (25°C,0.5C)	5120Wh
	Weight	~46Kg
	Combination mode	16S1P
	Dimensions (W * D * H)	440mm*480mm*177mm
	Cycle life(0.5C, 25°C)	6000 cycles @80% DOD
Electrical parameter	Operating voltage	43.2V-57V
	Maximum charging/discharging current (25 °C)	100A/100A
	Recommended charging/discharging current (25 °C)	50A/50A
	Recommended charging voltage	55.5-57V
	Discharge cut-off voltage	43.2V
	Battery input protection	BMS
	Maximum number of parallels	8

General parameter	Nominal voltage	51.2V
	Nominal capacity(25°C,0.5C)	100Ah
	Nominal energy (25°C,0.5C)	5120Wh
	Weight	~46Kg
	Combination mode	16S1P
	Dimensions (W * D * H)	440mm*500mm*160mm
	Cycle life(0.5C, 25°C)	6000 cycles @80% DOD
Electrical parameter	Operating voltage	43.2V-57V
	Maximum charging/discharging current (25 °C)	100A/100A
	Recommended charging/discharging current (25 °C)	50A/50A
	Recommended charging voltage	55.5-57V
	Discharge cut-off voltage	43.2V
	Battery input protection	BMS
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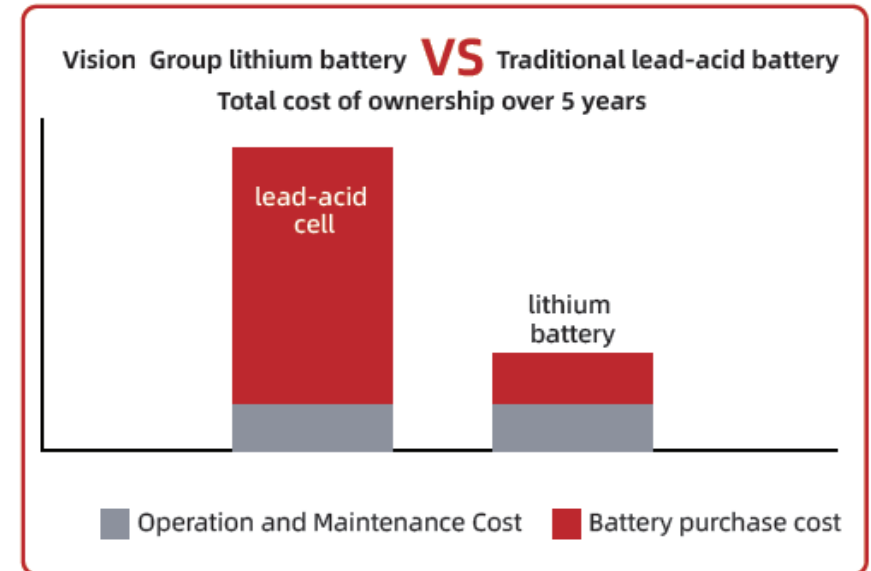
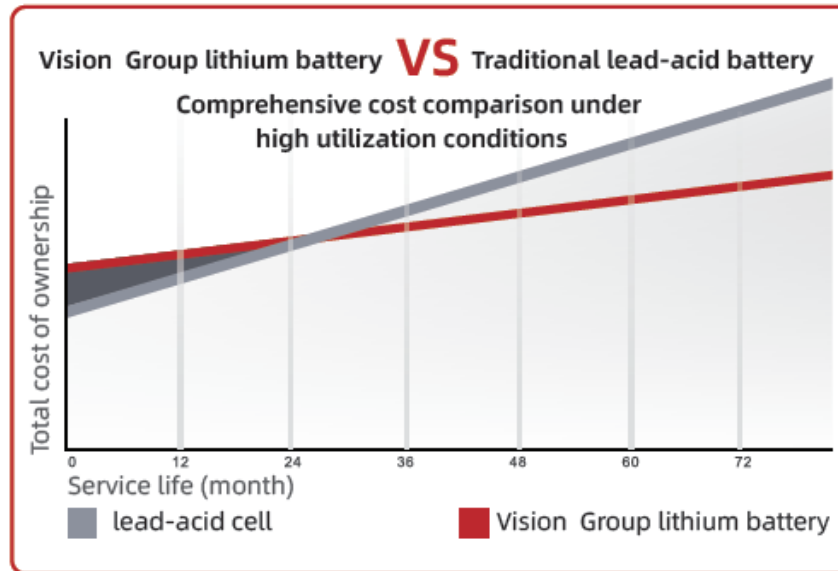
Compatible Protocol: Growatt/Voltronic/Goodwe/MUST/SMA/Victron/Luxpowertek/SRNE/Deye etc

Vision Lithium Advantage

Lower overall operating costs

Vision lithium battery has accumulated a good reputation in the practical application of the market, and has been trusted and recognized by customers and partners, One of the most important reasons is to provide customers with a significantly reduced total cost of ownership, which is an extremely cost-effective option.

Features
High energy density
Long cycle
Short charging time
light weight
Built-in security protection



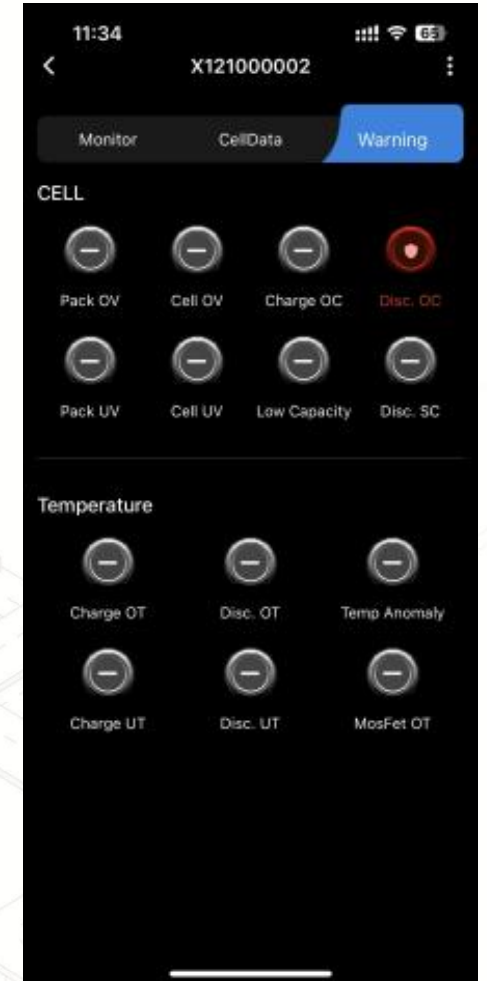
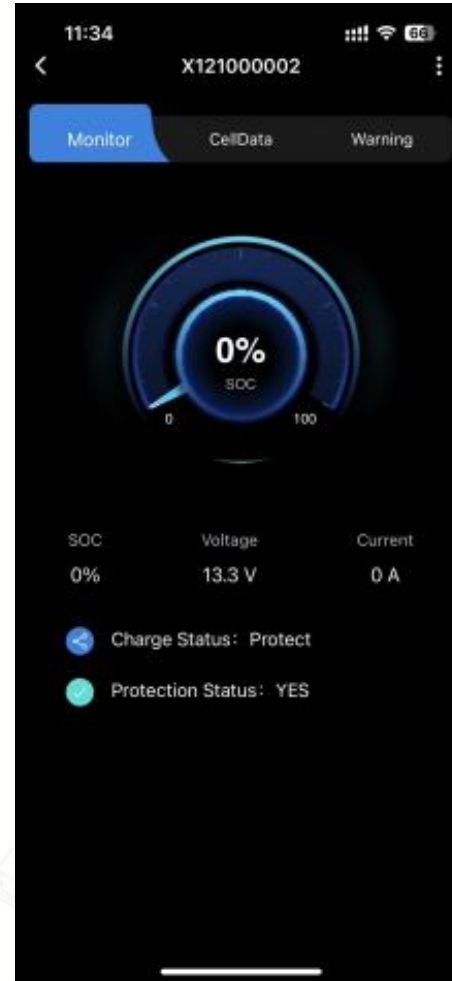
Optional Features

Heating Film

Low temperature areas option

Bluetooth+APP

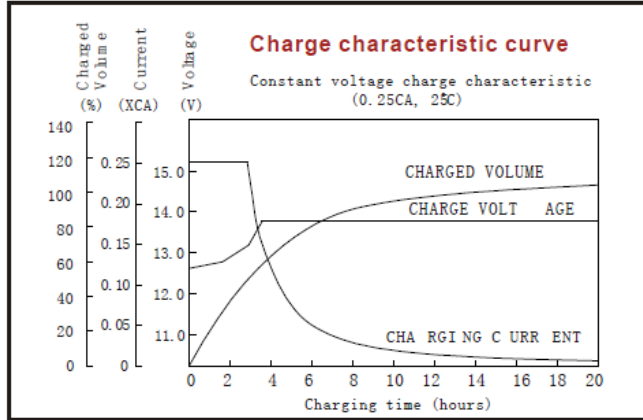
Easy to maintain



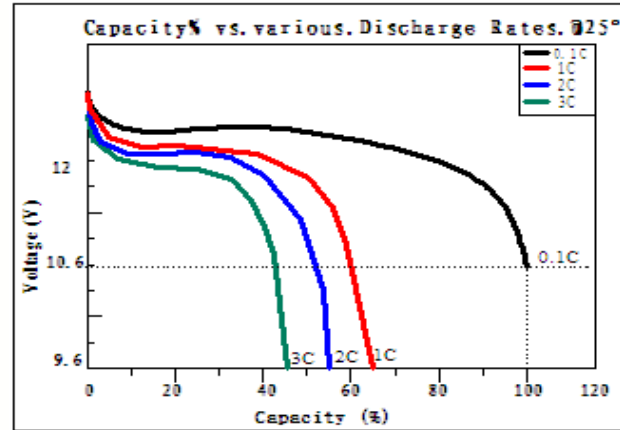
Cell Performance

Lead acid

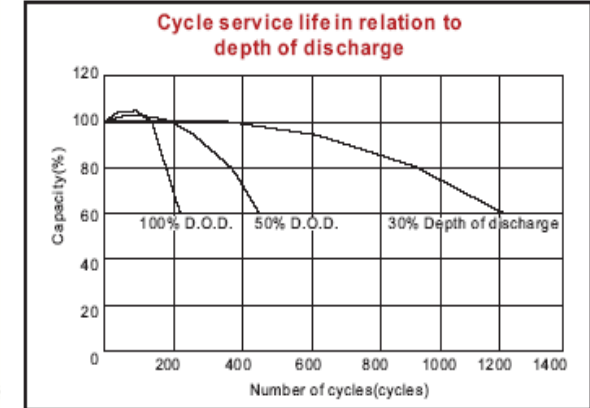
Discharge



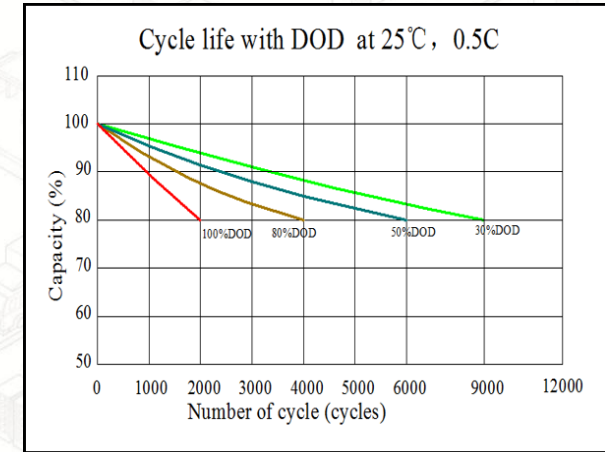
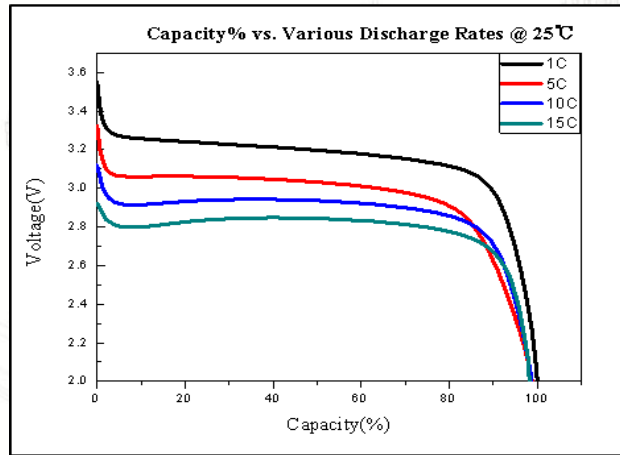
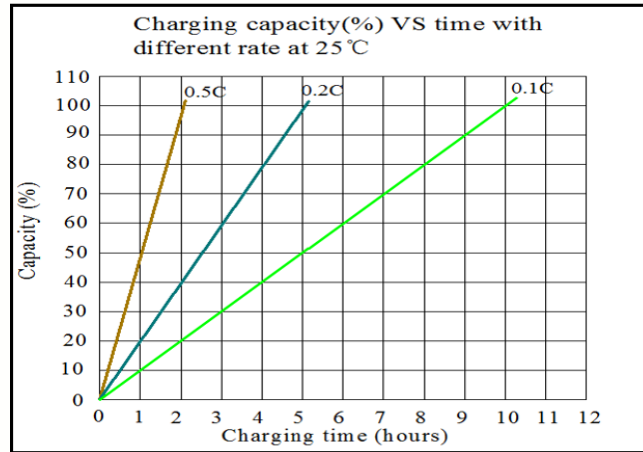
Charging



Cycles



Iron-V

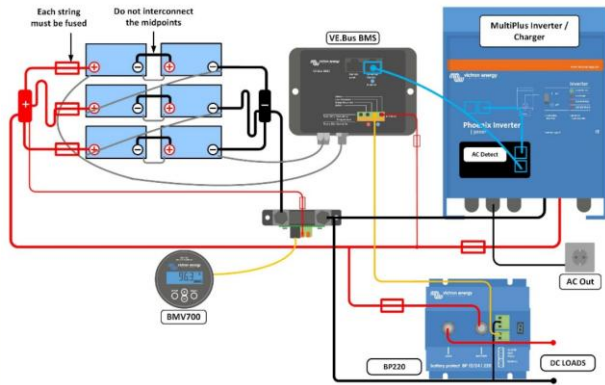


Indicative Application Case

Motor Home



ACE-ΠΩΛ-251



Solar Street Lamp



Overhead Working Truck

