

LXL5.12KWH

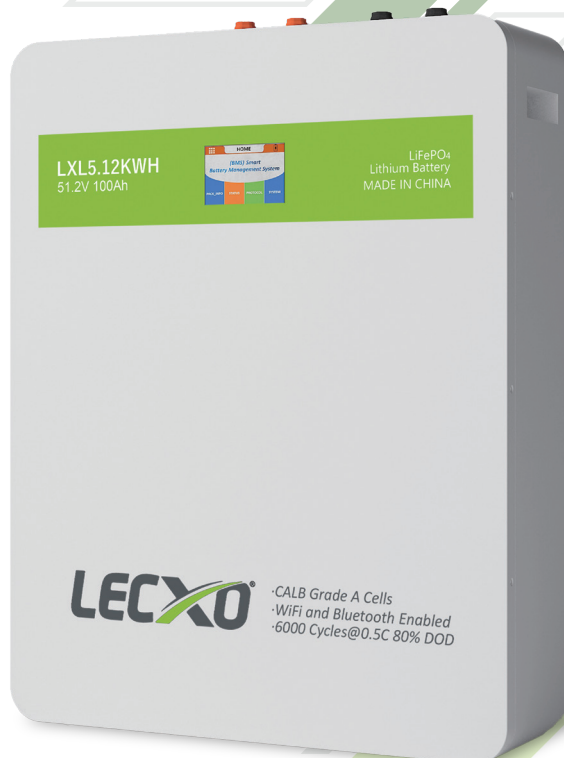
Residential Energy Storage Battery Series

Technical Parameters

Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	100
Total Energy (Wh)	5120
Operating Voltage Range (V)	43.2 ~ 58.4
Standard Charge/Discharge Current (A)	50 CH / 100 DCH
Max. Charge/Discharge Current (A)	100 CH / 120 DCH
Peak Output Current (A)	150 A @3s
Lithium Chemistry	LiFePO ₄
Cycle Life	6000 @ 0.5C 80% DOD
Design Life	20 years
Scalability	Max 32P
Installation	Wall Mounted

Mechanical Specifications

Dimension (mm)	W460* D145* H585
Weight (kg)	Approx. 43
Communication	WiFi, Bluetooth, RS485, CAN
Ingress Rating	IP 65
Safety Standards	UN38.3, CE



Widely Compatibility

Support major leading inverter brands and conventional VRLA powered system.

Superior Safety

Build-in BMS-eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation with safe lithium iron phosphate chemist.

Flexible Configuration

Floor stand design easy to be installed. Optional HMI, max. 32 sets in parallel supported.

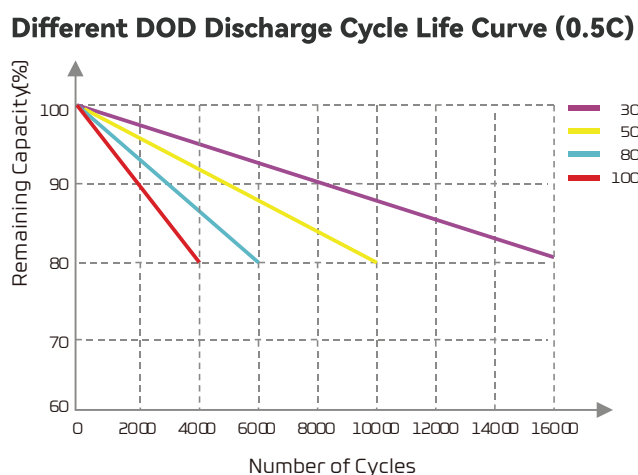
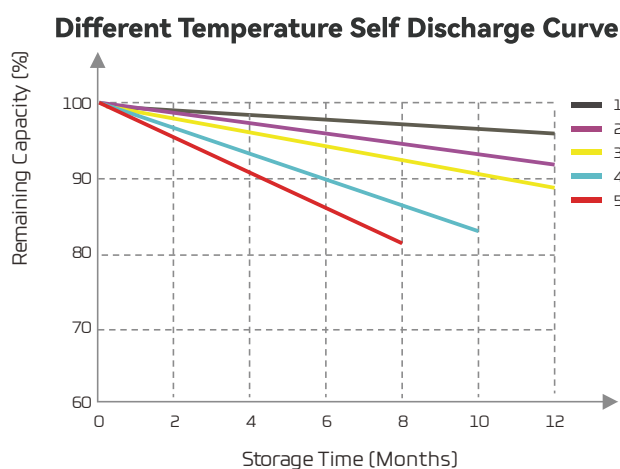
High Performance

Support 1.2C or 120A continuous discharge, widely working temperature. Cells comply with CE, UL and IEC standards.

Environmental Specifications

Storage Temperature [°C]	-20 ~ 55
Operating Temperature Charge [°C]	0 ~ 55
Operating Temperature Discharge [°C]	-20 ~ 60
Operating Relative Humidity	5 ~ 95%

Operating Performance



Notes:

Battery should be kept in a dry and ventilated place, avoid direct contact with corrosive substances, also away from sources of fire and heat. Keep the SOC of the battery above 50% if you need to store it for an extended long period. It should be refresh charged every 3 months regularly and SOC should be maintained at about 50% if battery will be stored for a long term.

COMPATIBLE INVERTERS

Deye 德業

Growatt POWERING COMFORT

MUST 美世乐

固德威 GOODWE

LU X POWER TEK

BLUESUN SOLAR BRASIL

Felicity

SRNE 碩日

Schneider Electric



victron energy BLUE POWER

Voltronic Power Advancing Power

SMA

MEGAREVO

SUMRY

SMK SOLAR

LEC XO

LXL10.24KWH

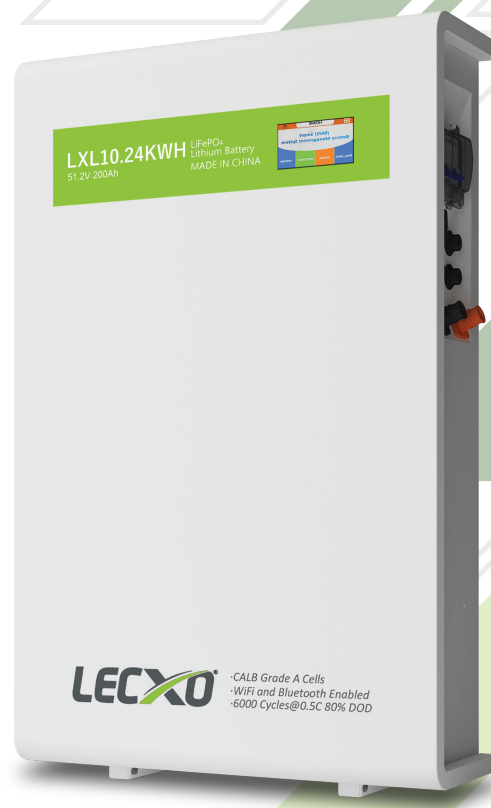
Residential Energy Storage Battery Series

Technical Parameters

Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	200
Total Energy (Wh)	10240
Operating Voltage Range (V)	43.2 ~ 58.4
Standard Charge/Discharge Current (A)	100 CH / 200 DCH
Max. Charge/Discharge Current (A)	140 CH / 200 DCH
Peak Output Current (A)	250 A @3s
Lithium Chemistry	LiFePO ₄
Cycle Life	6000 @ 0.5C 80% DOD
Design Life	20 years
Scalability	Max 32P
Installation	Floor Stand

Mechanical Specifications

Dimension (mm)	W567 * D190* H898
Weight (kg)	Approx. 94.5
Communication	WiFi, Bluetooth, RS485, CAN
Ingress Rating	IP 65
Safety Standards	UN38.3, CE



Widely Compatibility

Support major leading inverter brands and conventional VRLA powered system.

Superior Safety

Build-in BMS-eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation with safe lithium iron phosphate chemist.

Flexible Configuration

Floor stand design easy to be installed. Optional HMI, max. 32 sets in parallel supported.

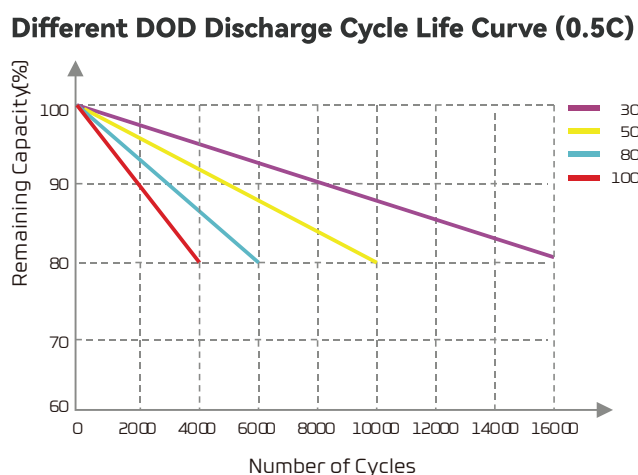
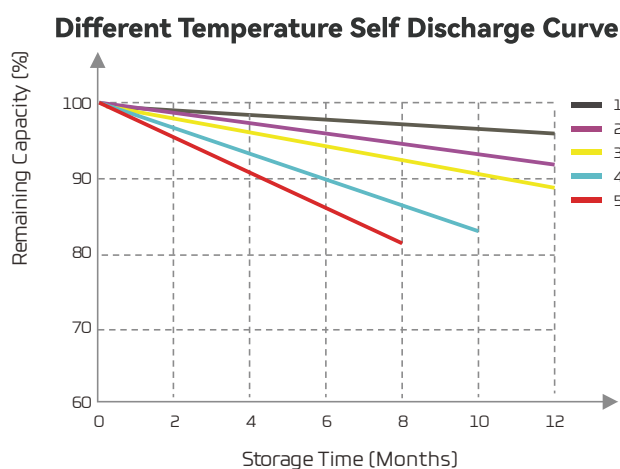
High Performance

Support 1C or 200A continuous discharge, widely working temperature. Cells comply with CE, UL and IEC standards.

Environmental Specifications

Storage Temperature [°C]	-20 ~ 55
Operating Temperature Charge [°C]	0 ~ 55
Operating Temperature Discharge [°C]	-20 ~ 60
Operating Relative Humidity	5 ~ 95%

Operating Performance



Notes:

Battery should be kept in a dry and ventilated place, avoid direct contact with corrosive substances, also away from sources of fire and heat. Keep the SOC of the battery above 50% if you need to store it for an extended long period. It should be refresh charged every 3 months regularly and SOC should be maintained at about 50% if battery will be stored for a long term.

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固德威
GOODWE

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BLUESUN SOLAR BRASIL

Felicity

SRNE 碩日

Schneider
Electric



victron energy
BLUE POWER

Voltronic Power
Advancing Power

SMA

MEGAREVO

SUMRY

SMK SOLAR

LEC XO

LXL14.34KWH

Residential Energy Storage Battery Series

Technical Parameters

Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	280
Total Energy (Wh)	14336
Operating Voltage Range (V)	43.2 ~ 58.4
Standard Charge/Discharge Current (A)	150 CH / 250 DCH
Max. Charge/Discharge Current (A)	250 CH / 250 DCH
Peak Output Current (A)	300 A @3s
Lithium Chemistry	LiFePO ₄
Cycle Life	6000 @ 0.5C 80% DOD
Design Life	20 years
Scalability	Max 32P
Installation Wall	Floor Stand

Mechanical Specifications

Dimension (mm)	W567 * D190* H968
Weight (kg)	Approx. 123
Communication	WiFi, Bluetooth, RS485, CAN
Ingress Rating	IP 65
Safety Standards	UN38.3, CE



Widely Compatibility

Support major leading inverter brands and conventional VRLA powered system.

Superior Safety

Build-in BMS-eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit situation with safe lithium iron phosphate chemist.

Flexible Configuration

Floor stand design easy to be installed. Optional HMI, max. 32 sets in parallel supported.

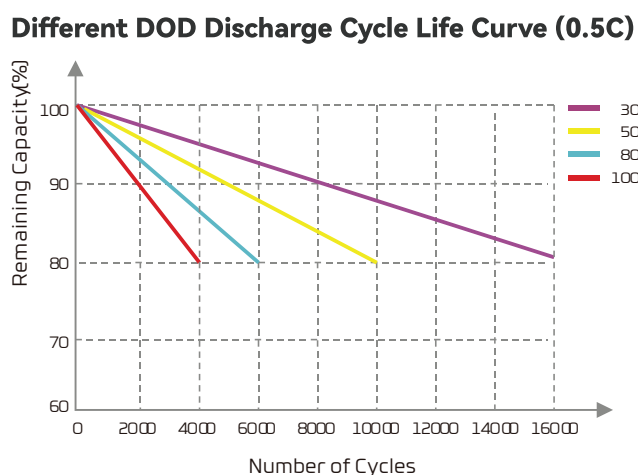
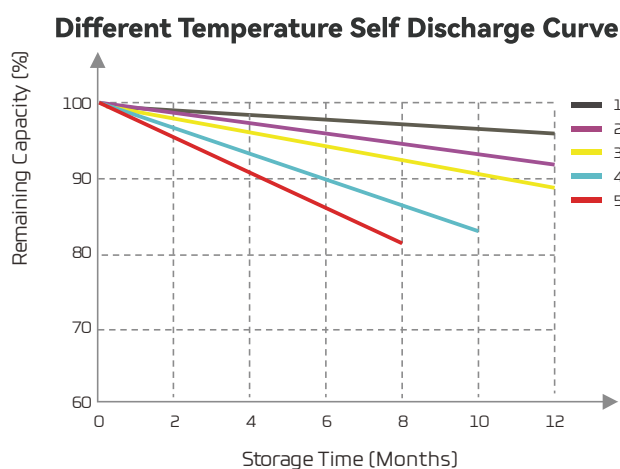
High Performance

Support 250A continuous discharge, widely working temperature. Cells comply with CE, UL and IEC standards.

Environmental Specifications

Storage Temperature [°C]	-20 ~ 55
Operating Temperature Charge [°C]	0 ~ 55
Operating Temperature Discharge [°C]	-20 ~ 60
Operating Relative Humidity	5 ~ 95%

Operating Performance



Notes:

Battery should be kept in a dry and ventilated place, avoid direct contact with corrosive substances, also away from sources of fire and heat. Keep the SOC of the battery above 50% if you need to store it for an extended long period. It should be refresh charged every 3 months regularly and SOC should be maintained at about 50% if battery will be stored for a long term.

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MUST 美世乐

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LU X POWER TEK

BLUESUN SOLAR BRASIL

Felicity

SRNE 碩日

Schneider Electric



victron energy BLUE POWER

Voltronic Power Advancing Power

SMA

MEGAREVO

SUMRY

SMK SOLAR

LEC XO

LXL16.08KWH

Residential Energy Storage Battery Series

Technical Parameters

Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	314
Total Energy (Wh)	16076.8
Operating Voltage Range (V)	43.2 ~ 58.4
Standard Charge/Discharge Current (A)	150 CH / 200 DCH
Max. Charge/Discharge Current (A)	150 CH / 200 DCH
Peak Output Current (A)	250 A @3s
Lithium Chemistry	LiFePO ₄
Cycle Life	6000 @ 0.5C 80% DOD
Design Life	20 years
Scalability Max	Max 32P
Installation Wall	Floor Stand

Mechanical Specifications

Dimension (mm)	W567 * D190* H968
Weight (kg)	Approx. 125
Communication	WiFi, Bluetooth, RS485, CAN
Ingress Rating	IP 65
Safety Standards	UN38.3, CE



Widely Compatibility

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Flexible Configuration

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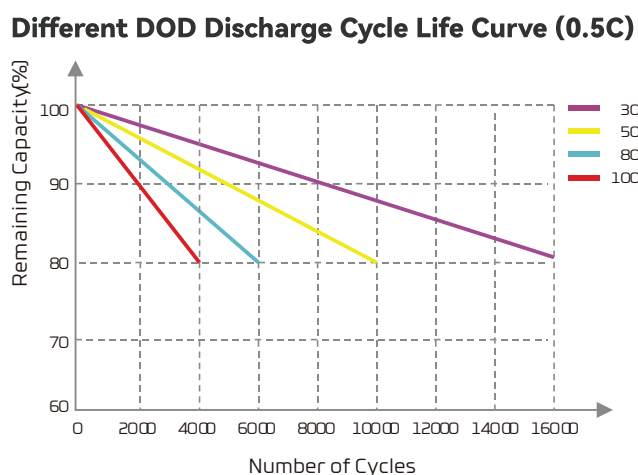
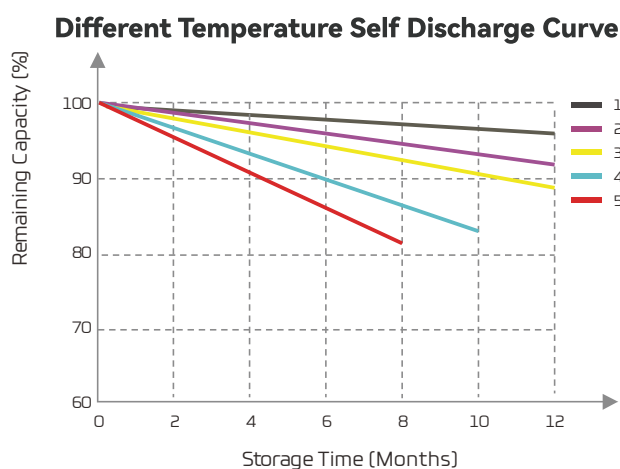
High Performance

Support 200A continuous discharge, widely working temperature. Cells comply with CE, UL and IEC standards.

Environmental Specifications

Storage Temperature [°C]	-20 ~ 55
Operating Temperature Charge [°C]	0 ~ 55
Operating Temperature Discharge [°C]	-20 ~ 60
Operating Relative Humidity	5 ~ 95%

Operating Performance



Notes:

Battery should be kept in a dry and ventilated place, avoid direct contact with corrosive substances, also away from sources of fire and heat. Keep the SOC of the battery above 50% if you need to store it for an extended long period. It should be refresh charged every 3 months regularly and SOC should be maintained at about 50% if battery will be stored for a long term.

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