GOODWE

Lynx A Series

5kWh I Low Voltage Battery

Harnessing the reliability of lithium iron phosphate (LFP) battery cell technology to ensure safety and longevity, GoodWe's low-voltage Lynx A Series has been designed to cater to residential requirements. With a focus on maximizing self-consumption and providing reliable solar power backup, this system ensures a seamless energy experience for homeowners. Moreover, the battery presents high energy density, enabling effective storage of significant energy within a confined space.



Smart Control

· Remote diagnosis & update via inverter
· Auto reboot after undervoltage

Friendly & Thoughtful Design

· Compact and lightweight design
· Cell-to-pack (CTP) battery design

Superb Safety & Reliability

· Reliable LFP technology with high cycle stability
· Insulation resistance test

Flexible & Adaptable Applications

· Possess scalability to meet demand
· Compatible with GoodWe residential storage inverters

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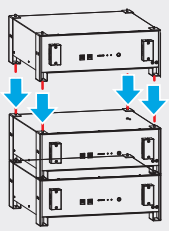
GOODWE

Technical Data		LX A5.0-10
Usable Energy (kWh)*1		5
Battery Module		LX A5.0-10: 51.2V 5.0kWh
Number of Modules		1
Cell Type		LFP (LiFePO4)
Nominal Voltage (V)		51.2
Operating Voltage Range (V)		47.5 ~ 57.6
Nominal Dis- / Charge Current (A)*2		60
Nominal Power (kW)*2		3
Operating Ambient Temperature Range (°C)		Charge: 0 ~ +50; Discharge: -10 ~ +50
Relative Humidity		0 ~ 95%
Max. Operating Altitude (m)		3000
Communication		CAN
Weight (kg)		40
Dimensions (W × H × D mm)		442 × 133 × 420 (Excluding hanger); 483 × 133 × 452 (Including hanger)
Ingress Protection Rating		IP21
Mounting Method		Cabinet / Floor stacked / Wall-Mounted
Standard and Certification	Safety	IEC62619, IEC63056, IEC62040-1
	EMC	EN IEC61000-6-1, EN IEC61000-6-2, EN IEC61000-6-3, EN IEC61000-6-4
	Transportation	UN38.3, ADR

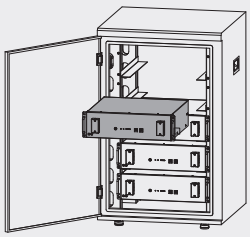
*1: Test conditions, 100% DOD, 0.2C charge & discharge at +25 ±2°C for battery system at beginning life. System Usable Energy may vary with different Inverter.
*2: Nominal Dis- / Charge Current and power derating will occur related to Temperature and SOC.
*3: Based on Using Battery Combiner Box to parallelize battery modules.
n: Max 15.
*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.

Installation Method (Excluding Hanger)





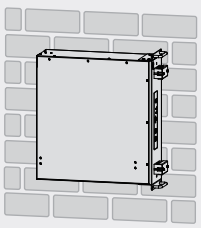
Method 1: Floor-mounted



Method 2: Cabinet

Installation Method (Including Hanger)





Method 3: Wall-mounted

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