EG4® XR 60

All-In-One Energy Storage system

DOMESTIC CONTENT



The EG4® XR 60 delivers unmatched energy density and capacity for residential and small commercial applications. Combining a hybrid inverter with a 60kWh lithium-iron phosphate battery (LFP) battery in an all-in-one enclosure with the ability to directly integrate and manage multiple power sources, the XR 60 can deliver seamless back-up power and significant financial savings for residential and commercial users alike; all while being domestic content compliant.

- **Powered by LG Energy Cells**
  Built with LG cells rated for 10,000 cycles
- **Domestic Content Eligible**
  Designed to support domestic content eligibility, with documentation for lease, PPA and TPO projects
- **VPP Ready**
  VPP Ready for 3–4 Hour Programs, with EG4 Connect API for grid dispatch.
- **15-Year Warranty**
  Every XR 60 is backed by a 15-year warranty and rated for 272 MWh of energy throughput

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EG4®XR 60

Technical Specification Sheet



System Specifications

Nominal AC Voltage	$120/240V_{AC}$
Frequency	60Hz
Max AC Input Power (Charging Battery)	16kW
Continuous Output (Battery Only)	15kW (62.5A @ 240V)
Continuous Output (PV + Battery)	18kW (75A @ 240V)
Rated Output Power	16kW
Peak Surge Power	16kW<Load<20kW for 1 min 20kW<Load<24kW for 10 sec Load>24kW for 5 sec
Maximum Generator Input Current	80A
Maximum AC Passthrough Bypass	100A
Maximum AC Output Current	75A (PV & Battery)
LRA (A)	160A (1 second)
Usable Capacity	60kWh
Maximum Parallel Units	3

Photovoltaic Input Specifications

Number of MPPTs	3
Inputs per MPPT	2/2/1
Maximum Usable Input Current	34A/34A/17A
Maximum Short Circuit Input Current	40A/40A/19A
DC Input Voltage Range	$100\text{-}550V_{OC}$
Unit Startup Voltage	$150V_{DC}$
MPPT Operating Voltage Range	120V~440V
Full Power MPPT Voltage Range	250V~440V
Nominal MPPT Voltage	$360V_{DC}$
Maximum Utilized Solar Power	26kW

Mechanical & Environmental Specifications

Dimensions w/ Anchor Bracket (H x W x D)	20.82 x 38.51 x 97.86 in
Dimensions w/o Anchor Bracket (H x W x D)	20.82 x 38.51 x 95.11 in
Product Weight	1584 lbs
Rating	NEMA 3R
Relative Humidity	0-85% Relative
Operating Altitude	<6562ft
Continuous Operating Temp. Range*	-13°F to 104°F (Ambient)
Cell Temperature Warranty Limit	Up to 122°F
Storage Ambient Temperature Range	-4°F to 113°F
Energy Throughput	272MWh
Warranty	15 Years

Certifications

Arc-Fault Circuit Interrupter (AFCI) NEC 2020:690.11 / UL1699B
CSA 22.2#107.1+U1, CSA 22.2#330, CSA C22.3#9
IEEE 1547.1:2020; IEEE 1547:2018; IEEE 1547a:2020
Hawaii Rule 14H
California Rule 21 Phase I, II, III (with compatible gateway)
FCC Part 15, Class B
Transportation: UN38.3
System: UL1741 SA, SB, UL 3141, UL 1973, UL 9540A, UL 9540

*Product warranty is based on cell temperature only. Units are thermally restricted during operation to 122°F.

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