EG4

XR 60 System Configuration Overview

EG4® XR 60

Configuration A — Standalone XR 60

The EG4 XR 60 can operate as a standalone energy storage system with a maximum 100 A AC bypass. In a standard configuration, two current transformers (CTs) monitor power flow at the service entrance. The GEN port can be configured for one function: generator input, AC-coupled PV, or a smart load. Follow the approved XR60 installation manual for wiring and configuration requirements.

Configuration B — XR 60 with GridBOSS.

The XR 60 can be paired with GridBOSS for compatible 200 A service configurations and expanded power management capabilities. Generator input, AC-coupled PV, and smart-load functions are managed through GridBOSS. In this configuration, XR 60 CTs and LOAD terminals are not used. Refer to approved XR60 and GridBOSS wiring diagrams.

Configuration C — Multiple XR 60 units

Up to three EG4 XR 60 units can be connected in parallel, providing a combined 180 kWh of usable battery storage. Parallel installations require communication cables between units, appropriate master-unit configuration, and CT placement according to the approved installation guide. System design and permitting must comply with applicable codes and local AHJ requirements.

Power Source Options

- **Solar PV:** Three MPPTs with 2/2/1 inputs and a maximum utilized solar power rating of 26 kW per XR60.
- **Generator:** Maximum input current of 80 A per XR 60.
- **AC-Coupled PV and Smart Loads:** Supported through the appropriate GEN port configuration or compatible GridBOSS integration.

Selection Guide

Choose a standalone XR 60 configuration for applications within approved bypass and service limits. Consider GridBOSS where compatible 200 A service integration and additional smart-port functionality are required. For larger storage requirements, up to three XR 60 units may be configured in parallel, subject to Engineering review, approved wiring diagrams and local permitting requirements.

Not a wiring instruction

All configurations require the approved XR 60 manual, diagrams, protection, utility interconnection review and local permitting.