

European Solar Energy Storage

Wiring diagram of power storage intelligent controller



Overview

How do I wire my iQ system controller?

Connect the DER (iQ Battery, iQ Combiner, and solar) wires to the lugs at the bottom, as indicated in the following images. Refer to the wiring table and torque recommendation before connecting the wires. Refer to local codes for any specific local requirements. 2-14 AWG 1/8" iQ System Controller 3 - DER Wiring Section C - Wiring.

How do I connect a generator to iQ system controller 3G?

To view the full list of supported generators and more details, see Generator Integration Tech Brief. • For 2-wire autostart generators, wire the generator I/O port in iQ System Controller 3G to the 2-wire remote start terminals of the generator. • For utility sense generators, wire the input of a 12 V DC power supply to the backup loads panel.

How much does the iQ system controller weigh?

- The iQ System Controller weighs 39.4 kg (87 lb) and will require two people to lift the unit.
- Risk of injury and equipment damage. Avoid dropping the iQ System Controller. Doing so may create a hazard, cause serious injury, and/or damage the equipment.

How do I install iQ system controller 3G?

1. Install generator CTs (CT-200-CLAMP or CT-200-SPLIT) on the L1 and L2 wires from the generator and follow instructions in the CT wiring section to ensure power monitoring when the generator is running.
2. Use the Enphase Installer App to commission and program iQ System Controller 3G to control the generator.

Where should iQ power supply conductors go?

Mains supply conductors should enter the iQ System Controller from the bottom or bottom-left side. Backup load conductors should enter the iQ

System Controller from the bottom or bottom-right side. IQ Battery, IQ Combiner, and generator conductors should enter from the bottom, bottom-left, or bottom-right sides.

Does IQ system controller 3G support a storage/generator breaker position?

The configuration is applicable for a storage or generator breaker position not connected to an IQ Battery or a generator on the IQ System Controller 3G. The IQ System Controller 3G is capable of supporting total backup loads below 64 A by utilizing the empty storage/generator breaker slots on the load center.

Wiring diagram of power storage intelligent controller



Intelligent Controller LNL-M2210 Quick Reference

The LNL-M2210 intelligent controller provides decision making, event reporting and database storage for the LenelS2 hardware platform. Two reader interfaces configured as paired or alternate readers provide control for one physical barrier.

Power Factor Controller RVC-L

This product is a reactive power compensation controller based on 32-bit ARM architecture processor, which is suitable for reactive power compensation control circuits of low-voltage power systems from 100V to 750V.



Installation and Table of Contents Operation Manual ...

If the 24 VAC power supply falls below 18 VAC, the system may power down and shut off. When the power supply is corrected to 24 VAC, the system will restart after the hold-off period and resume normal operation.



Intelligent Controller LNL-X2220

The PW-7000 controller configuration and operation is similar to the PW-6000 controller and has additional R2 functions on board; both

use the Pro-Watch front end.



JKW5C Reactive Power Auto-compensation Controller

JKW5C series intelligent reactive power automatic compensation controller is especially used to control reactive power compensation in low-voltage distribution system, can be matched with various type of low-voltage static capacitance screen.

Intelligent Controller LNL-X2220 Quick Reference

The LNL-X2220 intelligent controller provides decision making, event reporting, and database storage for the LenelS2 hardware platform. Two reader interfaces provide control for two physical barriers.

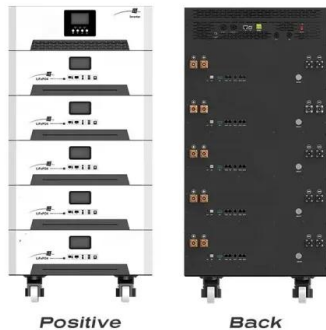


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The SR-DMS40 controller is available in various intelligent power modes for selection according to the actual battery capacity, the number of rainy days and other factors.

Intelligent Controller LNL-X2220

The LNL-X2220 intelligent controller provides decision making, event reporting, and database storage for the Lenel hardware platform. Two reader interfaces provide control for two physical barriers.



IQ System Controller 3/3G quick install guide

Control wiring guidance for the Enphase Energy System: Refer to the following wiring sequences to understand the position of the header with termination resistor, wiring order, and drain wire termination location.

PW6K1ICE Intelligent Controller

The PW6K1ICE intelligent controller provides decision making, event reporting, and database storage for the Honeywell hardware platform. Two reader interfaces configured as paired or alternate readers provide control for one door.



HONEYWELL PRO-WATCH 7000 INSTALL MANUAL Pdf ...

The PW-7000 controller configuration and operation is similar to the PW-6000 controller and has additional R2 functions on board; both use the Pro-Watch front end.



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