

# Q-LS/UPQ System Installation Quick Start Guide

## Q-LS System Overview

The Q-LS Systems come in different cabinet sizes and voltage configurations. Please Refer to the cabinet's nameplate for specific information pertaining to the product.

The Q-LS System Family of products could be arranged in various configurations, including the Main Power Management / Inverter cabinets and the Battery Cabinets. In some cases, custom Distribution Cabinets may be included, depending on customer needs or requirements.

## Q-LS Interface and System Operation

Technical personnel assigned to work with the Q-LS Systems must follow the NEC (National Electrical Code) and Local Safety and Electrical guidelines.

The Q-LS systems have a cable ingress/egress gland plate at the base of the system to route the cables to their respective connection points.

The Q-LS systems come equipped with a variety of interfaces, depending on customer requirements. These connection points are specified in the Interface Label attached behind the terminal protection panel. Label conventions as listed below.

### HIGH VOLTAGE CONNECTION POINTS

(Various options - depending on 1Ph, 3Ph, Single and Dual Inputs/Output, Reserve Voltage, etc.)

Input Terminal blocks: IA, IB, IC / IA1, IB1, IC1 / IA2, IB2, IC2 / RR, RS, RT / N (added in Wye systems)

Output Terminal: OA, OB, OC / OA1, OB1, OC1 / OA2, OB2, OC2 / N (added in Wye systems)

Input Breaker: INPUT

Output Breaker: OUTPUT

Battery Breaker: BATTERY

### LOW VOLTAGE CONNECTION POINTS

EPO Terminal Blocks: NO, NC (Depending on Normally Open or Normally Closed connections)

RJ45: Net Agent

NOTE: Descriptions may vary, depending on Customer Requirements or Specifications.

## Warnings:

- **Verify voltage before turning on the system**
- **Read and follow System label procedure instructions when operating the system.**



### ELECTRICAL and SAFETY WARNING

Follow NEC, Local Electrical and Safety Guidelines when operating the Q-LS Systems.

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## Q-LS Documentation

Please follow this Quick Start Guide before installation. In most cases a CD will be included with your system. Additional information can be downloaded from the Company website: [powerinnovations.com](http://powerinnovations.com)

## Contact Information

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