

3. Cable the communication ports located on the bottom of the instrument according to the communications protocol used **and** by referring to the I-I diagram available on the Hardy website.
4. Cable the DC power located on the bottom of the instrument by first removing the terminal connector and securely capturing wire leads by following notes for Power Input terminations found in the I-I Diagram and the User Guide. The pre-installed jumper found on the terminal connects the Earth ground and the internal ground making them common, and should remain in place.
5. Power up system.

Initial Instrument Set-Up:

Refer to the HI 6300 or HI 6500 Users Guide for Initial Instrument Set-Up.

Hardy Process Solutions sincerely appreciates your business. We encourage input about the performance and operation of our products from our customers. Should you not understand any information in this guide or experience any problems with this product, please contact our Technical Support Dept. at:

Phone: (858) 278-2900

Toll Free: 1-800-821-5831

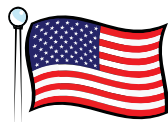
FAX: (858) 278-6700

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Or visit our web site at:

<http://www.hardysolutions.com>

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HI 6300 and HI 6500 series PMWS Quick Start Guide

The PANEL MOUNT WALL SYSTEM for the HI 6300 and HI 6500 series is a pre-configured Weight Processor typically assembled with a summing card and delivered in a pre-drilled robust Stainless Steel enclosure.



This Quick Start Guide is intended for users that are already familiar with setting up Hardy Process Solutions weighing instruments.

A complete User's Guide can be found under Documents and Programs online: www.hardysolutions.com Navigate to the **Product** menu> **Weighing Instruments > Weight Processors > HI 6500 (or HI 6300).**

The User's Guide and I-I diagrams are located in the Docs & Programs tab.

Hardy Product	I/I Diagram Part Number
HI 6300 Weight Processor	0584-0076
HI 6310 Weight Processor	0584-0077
HI 6500 Weight Processor	0584-0082
HI 6510 Weight Processor	0584-0083

Enclosure Installation:

1. Locate and remove the Enclosure Bracket Hardware Bag inside the enclosure along with enclosure manufacturer instructions.
2. Determine an enclosure mounting scheme that best fits your installation requirements. Brackets can be placed vertically or horizontally in relation to the enclosure (vertical shown below).
3. Install enclosure brackets.
4. Install glands for wiring. (Do not remove integrated gland plug from glands that will not be used for wiring).

Note: *If using an AC/DC power converter, install the converter to the right of the summing card and wire the DC out to the instrument before mounting. Pre-drilled holes for DIN rail installation can be found on the enclosure back mounting plate.*

Caution: *You must use a power-limited 12-24 VDC power supply (Class 2) on the DC input wiring. DC power should be supplied by a clean primary line, directly from the DC power source.*

5. Place enclosure at its installation location, mark for wall or structure mounting and drill holes.
6. Install enclosure.



Wiring:

1. Once the PMWS is installed, re-open for easy access to sensor, communications and power connections.

Caution: *Make sure the power is shut off before connecting any wires into the Panel Mount Wall System.*

2. Wire load sensors to their respective locations on the summing card. If only a single sensor is being used, remove and wire to the quick-disconnect located on the bottom of the instrument.
 - a. If conduit is used, do not run load cell cable parallel to, or in the same conduit with, power wiring, relay cable or other high energy cables.
 - b. Factory installed jumpers are to remain in place only for four wire, non C2 load cell connections. Excitation and sense wires are to be connected together to the summing card.
 - c. C2 cable is required for weightless calibration and INTEGRATED TECHNICIAN® (IT) (Hardy Process Solutions P/N 6020-0001).
 - d. See Users Guide for additional information on load cell connections. A complete User's Guide can be found under Documents and Programs online: www.hardysolutions.com Navigate to the **Product** menu> **Weighing Instruments > Weight Processors > HI 6500 (or HI 6300)**. The User Guide is on the Docs & Programs tab.
 - e. Terminal block wire size range: 22 AWG minimum / 16 AWG maximum. Wire temperature rating to be 90° C. Wire tightening torque is to be 2 lbs-in minimum / 4 lbs-in maximum.
 - f. For clarity, only one load sensor connection is shown.

