



Delta-Q IC Series Industrial Battery Chargers are now available at Master Instruments

The Delta-Q IC Series battery charger range offers a highly reliable and efficient battery charging solution all housed within a rugged IP66 rated enclosure, for use in on-board or off-board applications.

Featuring 650W and 1200W models in standard format, or with CAN Bus system integration capability, the IC Series offers models suitable for Lead Acid & Lithium 24, 36 and 48V systems.

Both IC series provide:

- 18 pre-loaded charge algorithms with the ability to hold up to 25.
- Suitable for Lead Acid (Wet, AGM & GEL) and Lithium batteries.
- Multi Colour LED indication and clear numeric charge profile display.
- Active charge algorithms can be easily selected using the mode select "push" button or via CANbus.
- Access to Delta-Q's extensive library of in-house designed charging profiles (200+).
- High reliability - validated to an 8 year design life and meeting General Motors' rigorous GMW3172 automotive standard.
- Ruggedised fully sealed IP66 rated die-cast aluminium enclosure.
- Auto-recharge for low voltage in maintenance mode.
- Reverse polarity protected with auto-reset.
- Short circuit protected.

Range specifications

MI Model Number	Delta-Q Model	Wattage	Voltage	Current	Comms	Min Voltage (Recovery)
IC650 Series						
DQIC650-24/27.1	940-0001	650W	24V	27.1A	N/A	1.2V
DQIC650-36/18.1	940-0002	650W	36V	18.1A	N/A	1.8V
DQIC650-48/13.5	940-0003	650W	48V	13.5A	N/A	2.4V
DQIC650-24/27.1CAN	940-0004	650W	24V	27.1A	CAN	1.2V
DQIC650-36/18.1CAN	940-0005	650W	36V	18.1A	CAN	1.8V
DQIC650-48/13.5CAN	940-0006	650W	48V	13.5A	CAN	2.4V
IC1200 Series						
DQIC1200-24/50CAN	941-0008	1200W	24V	50A	CAN	1.2V
DQIC1200-36/33.3CAN	941-0009	1200W	36V	33.3A	CAN	1.8V
DQIC1200-48/25CAN	941-0010	1200W	48V	25A	CAN	2.4V



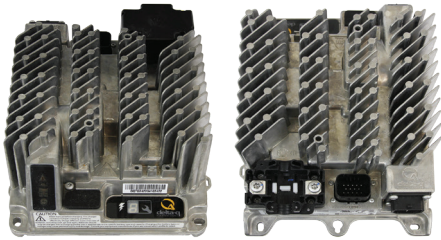
Delta-Q IC Series Industrial Battery Chargers

Capable of charging lead acid (wet, AGM, gel) and lithium battery chemistries, the IC Series Chargers are available in on- and off-board configurations. Optional CANbus communication ensures seamless machine integration and AC/DC cabling is completely customisable.

IC650 (650W) charger applications include: scissor lifts, lift trucks, floor care machines and golf cars.

IC1200 (1200W) charger applications include aerial work platforms, lift trucks, floor care machines and utility vehicles.

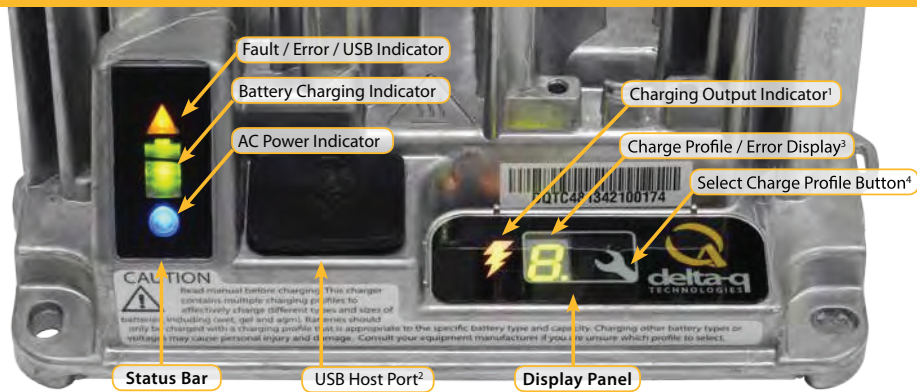
DQIC650 Series IP66



DQIC1200 Series IP66



Easy to use:

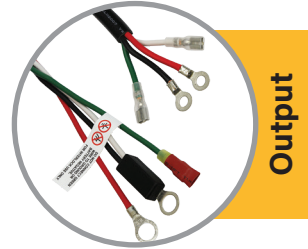


- | | |
|--|--------------------------------------|
| Solid red = Charger fault
See display panel for details | Solid blue = AC power available |
| Flashing amber = External error condition - caution
See display panel for details | Flashing green = Low state of charge |
| Flashing green = USB port active | Solid green = High state of charge |
| Solid green = Safe to remove USB flash drive | Solid green = Charge completed |

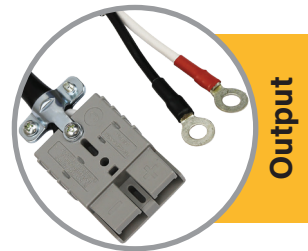
Accessories



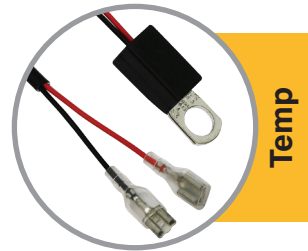
Input



Output



Output

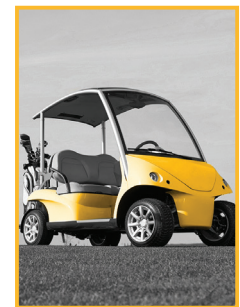


Temp



Comms

Suitable for use in a wide range of applications



Speak to the engineers at Master Instruments about tailoring the Delta-Q charger range for your requirements today.