



Delta-Q IC Series

Industrial Battery Chargers

IC Series chargers are durable, sealed battery chargers capable of being used on- or off-board, with a variety of deep-cycle lead-acid or lithium-ion batteries. Suitable applications for the IC Series chargers include, but are not limited to the following: scissor lifts, boom lifts, lift trucks, floor care machines, power sports (motorcycles and scooters), utility vehicles, and golf cars.



Reliable in extreme conditions: sealed aluminum die cast design protects against vibration, shock, dirt and liquids.



High-performance charge profiles for many lead acid (wet, AGM, gel) and lithium ion battery brands and chemistries, including Discover, Fullriver, Interstate, Trojan and U.S. Battery.



AC and DC cables are easy to replace if they become damaged.



Very efficient (>90%) for fast charge times and electricity savings.

Key Specifications

	IC650			IC900			IC1200		
Available models	24 V	36 V	48 V	24 V	36 V	48 V	24 V	36 V	48 V
Max DC output current	27 A	18 A	13.5 A	37.5 A	25 A	20 A	50 A	33 A	25 A
Max DC output power	650 W			900 W		960 W	1200 W		
AC input range	85-270 VAC								
Max. AC input current	7.5 A			10.5 A			14.5 A		
Battery type	Lead acid (Wet / AGM / GEL), Lithium-ion								
Warranty	Warranty provided by OEM or distributor point of sale								

Operating Conditions

Operating temperature	-40°C to +65°C (-40°F to 149°F)	Derated at > 40°C (104°F)
Storage temperature	-40°C to +85°C (-40°F to 185°F)	

Mechanical

AC input connector	IEC320 / C14; available IP66 sealed, locking cable
DC output connector	M6 threaded fasteners for ring terminals
Enclosure rating	IP66 (NEMA4)
Cooling	Convection cooling (IC650 / IC900) Active cooling with fan; variable speed, field replaceable (IC1200)
Service port	Sealed (IP66) USB 2.0 host port with dust cover for uploading charging profiles and/or downloading charge cycle data

Features

- Maintenance mode charges batteries while in storage
- Multi-color LED indicator for: faults, AC power, charge status, charge current
- Change charge profiles with touch of a button
- Clear display for viewing charge profile / fault codes
- Charges from as little as 1.2V/cell (very deeply discharged)

Dimensions

	IC650	IC900	IC1200
Length	252mm (9.9")	335mm (13.2")	335mm (13.2")
Width	186mm (7.3")	179mm (7.0")	179mm (7.0")
Height	80mm (3.1")	102mm (4.0")	105mm (4.1")
Weight	< 3 kg (< 6.5 lbs)	4.1 kg (9.0 lbs)	4.1 kg (9.0 lbs)

IC650 regulatory approvals:



Note: The IC900 and 1200 Chargers are currently undergoing regulatory approval and is anticipated to comply with the following safety regulatory requirements: UL, CE, RCM, and CEC.

Visit delta-q.com/support for user support resources



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