

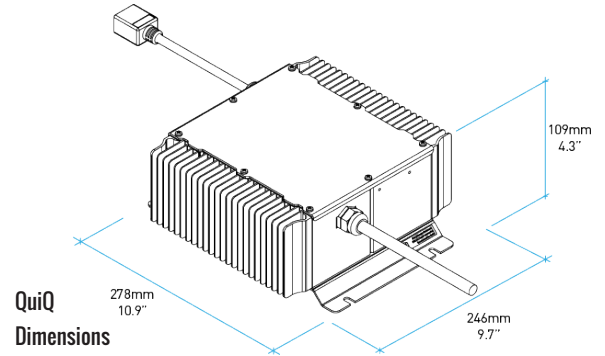
Charger Product Guide

Specialized charging solutions for almost any application



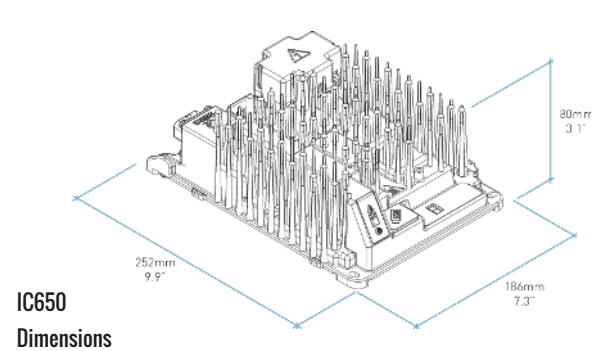
QuiQ 1000

QuiQ 1000					QuiQ 1500			
Output Specifications	100/240VAC				100/120VAC	208/230/240VAC		
	24V	36V	48V	72V	48V	72V	48V	72V
Max Watts	695	875	1000		1200		1500	
Max Current	25A	21A	18A	12A	25A	17A	30A	20A
Max Voltage	34V	51V	68V	100V	68V	100V	68V	100V
Min Voltage	6V	9V	12V	18V	12V	18V	12V	18V
Battery Type	Lead Acid (Wet / AGM / GEL), Lithium							
AC Input	85-265VAC Single Phase 45-65 Hz							



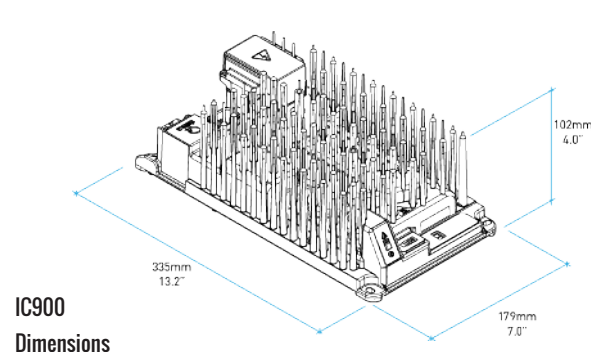
IC650

IC650 BASE				IC650 COMM		
Output Specifications	100-240VAC			100-240VAC		
	24V	36V	48V	24V	36V	48V
Max Watts	650W			650W		
Max Current	27.1A	18.1A	13.5A	27.1A	18.1A	13.5A
Max Voltage	36V	54V	72V	36V	54V	72V
Min Voltage	1.2V	1.8V	2.4V	1.2V	1.8V	2.4V
Battery Type	Lead Acid (Wet / AGM / GEL), Lithium					
AC Input	85-270VAC Single Phase 50/60hz					



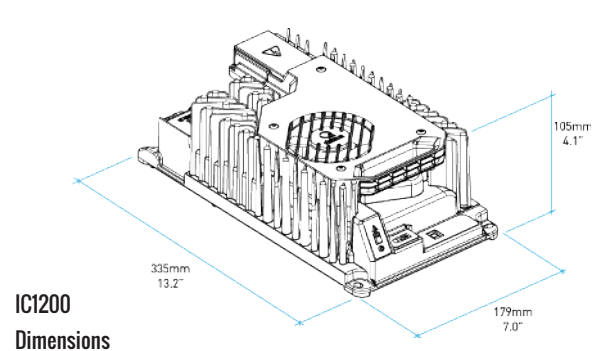
IC900

IC900 BASE				IC900 COMM		
Output Specifications	100-240VAC			100-240VAC		
	24V	36V	48V	24V	36V	48V
Max Watts	900W		960W	900W		960W
Max Current	37.5A	25A	20A	37.5A	25A	20A
Max Voltage	36V	54V	72V	36V	54V	72V
Min Voltage	1.2V	1.8V	2.4V	1.2V	1.8V	2.4V
Battery Type	Lead Acid (Wet / AGM / GEL), Lithium					
AC Input	85-270VAC Single Phase 50/60hz					



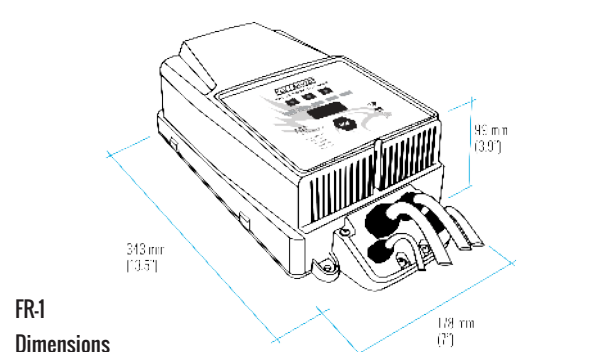
IC1200

IC1200 BASE				IC1200 COMM		
Output Specifications	100/240VAC			100/240VAC		
	24V	36V	48V	24V	36V	48V
Max Watts	1200W			1200W		
Max Current	50A	33.3A	25A	50A	33.3A	25A
Max Voltage	36V	54V	72V	36V	54V	72V
Min Voltage	1.2V	1.8V	2.4V	1.2V	1.8V	2.4V
Battery Type	Lead Acid (Wet / AGM / GEL), Lithium					
AC Input	85-270VAC Single Phase 50/60hz					



FR1

FR-1 Multi-Voltage Charger							
Output Specifications	110/240VAC						
	12V	16V	24V	28V	36V	42V	48V
Max Watts		696	1000	1000	1200	1200	1200
Max Current	30A	30A	30A	25A	25A	20A	20A
Max Voltage	17.4A	23.2A	34.8A	40.6A	52.2V	60.9V	69.6V
Min Voltage	6A	10A	18A	22A	30V	38V	42V
Battery Type	Lead Acid (Wet / AGM / GEL), Lithium						
AC Input	85-265VAC Single Phase 50/60hz						



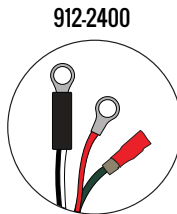
Delta-Q Industrial Battery Chargers

24 VOLT

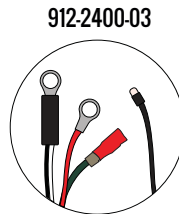
Model	Part #	Usage Type	AC Cord	DC Output	DC Connector	Notes	Availability
QuiQ 1000	912-2400	On-Board	Sold Separate	24V / 25A 1000W	Ring Terminal	iLock, BTS	Stock Item
	912-2400-03				Ring Terminal	Remote LED, iLock, BTS	
	912-2400-16				SB50 RED	SB50 RED, JLG Replacement	
	913-2400	Off-Board	Included	24V / 25A 1000W	SB50 RED	Handle for portable use	Stock Item
	913-2400-175				SB175 RED		
913-2400f	Crow's Foot						
IC650 AWP KIT	940-0021	On-Board	Included	24V / 25A 650W	Ring Terminal	Drop in for select Genie/Skyjack machines	Stock Item
IC650 BASE	940-0001	On / Off Board	Sold Separate		Sold Separate	iLock, BTS	
IC650 COMM	940-0004			iLock relay, BTS, LED, CANbus			
IC900 BASE	942-0001			24V / 37.5A 900W		iLock, BTS, LED	Special Order
IC900 COMM	942-0008			iLock relay, BTS, LED, CANbus			
IC1200 BASE	941-0001			24V / 50A 1200W		iLock, BTS, LED	Stock Item
IC1200 COMM	941-0008			iLock relay, BTS, LED, CANbus			

DC Cable Details

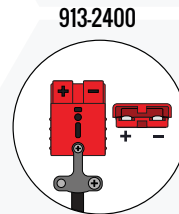
QuiQ 1000



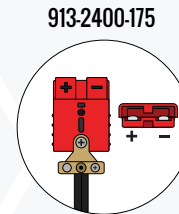
912-2400
6 ft. w/ 3/8" Ring Terminal, iLock, BTS



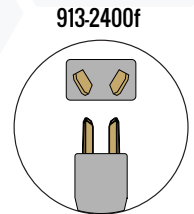
912-2400-03
6 ft. w/ 3/8" Ring Terminal, iLock, BTS, 10' Remote LED



913-2400
8 ft. w/ SB50 RED



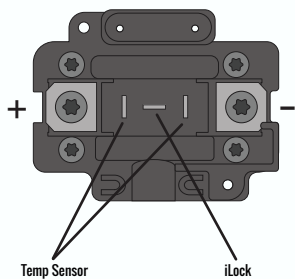
913-2400-175
8 ft. w/ SB175 RED



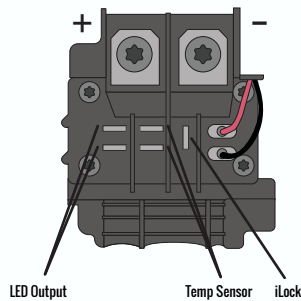
913-2400f
8 ft. w/ Crow's Foot

IC BASE & COMM MODELS

IC650 OUTPUT



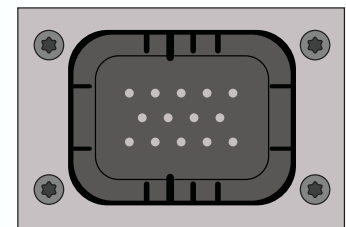
IC900 / IC1200 OUTPUT



IC COMM MODELS

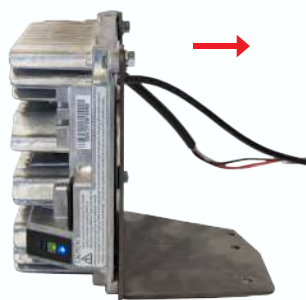
IC900 / IC1200 SIGNAL OUTPUTS

- CANbus Signals
- Interlock Relay
- 5V Accessory Power
- Remote Temp Sensor
- Remote LED



(COMM MODELS ONLY)

940-0021



Drop In Replacement for select scissor lifts (Genie & SkyJack)



Drop In Replacement for select scissor lifts (JLG)



912-2400-16

AWP SOLUTIONS

AWP SOLUTIONS

See Pages 8-9 For Full Accessory List

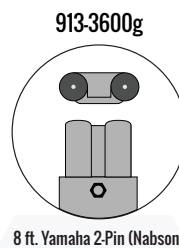
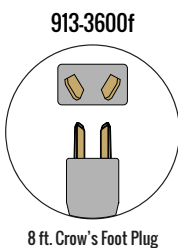
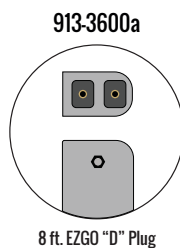
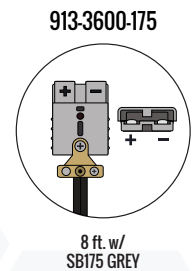
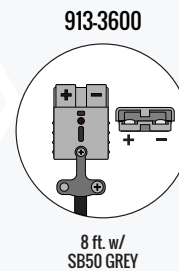
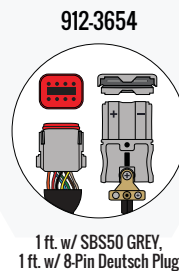
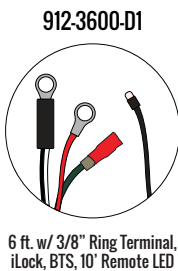
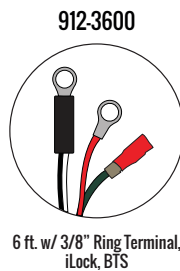
Delta-Q Industrial Battery Chargers

36 VOLT

Model	Part #	Usage Type	AC Cord	DC Output	DC Connector	Notes	Availability
QuiQ 1000	912-3600	On-Board	Sold Separate	36V / 21A 1000W	Ring Terminal	iLock,BTS	Stock Item
	912-3600-D1				Remote LED, iLock, BTS		
	912-3654				iLock Relay, BTS, LED (8 Pin Deutsch Plug)		
QuiQ 1000	913-3600	Off-Board	Included	24V / 25A 1000W	SB50 Grey	Handle for portable use	Stock Item
	913-3600-175				SB175 Grey		
	913-3600a				EZGO "D" Plug		
	913-3600f				Crow's Foot		
	913-3600g				Yamaha 2-Pin (Nabson)		
IC650 BASE	940-0002	On / Off-Board	Sold Separate	36V / 18A 650W	Sold Separate	iLock, BTS	Stock Item
IC650 COMM	940-0005					iLock relay, BTS, LED, CANbus	
IC900 BASE	942-0002					36V / 25A 900W	iLock, BTS, LED
IC900 COMM	942-0009			iLock relay, BTS, LED, CANbus			
IC1200 BASE	941-0002			36V / 33A 1200W		iLock, BTS, LED	Stock Item
IC1200 COMM	941-0009					iLock relay, BTS, LED, CANbus	Special Order

DC Cable Details

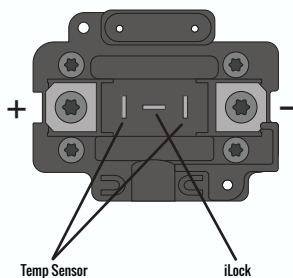
QuiQ 1000



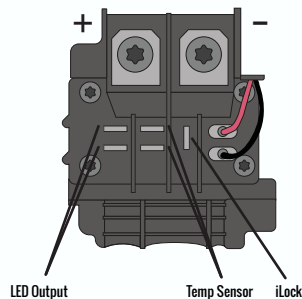
IC BASE & COMM MODELS

IC COMM MODELS

IC650 OUTPUT

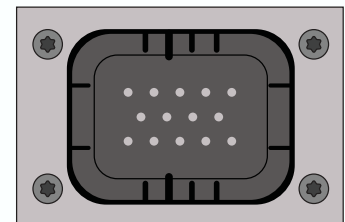


IC900 / IC1200 OUTPUT



IC900 / IC1200 SIGNAL OUTPUTS

- CANbus Signals
- Interlock Relay
- 5V Accessory Power
- Remote Temp Sensor
- Remote LED



(COMM MODELS ONLY)

IC SERIES

Delta-Q Industrial Battery Chargers

48 VOLT

Model	Part #	Usage Type	AC Cord	DC Output	DC Connector	Notes	Availability
QuiQ 1000	912-4800	On-Board	Sold Separate	48V/18A/ 1000W	Ring Terminal	iLock,BTS	Stock Item
	912-4800-D1				Remote LED, iLock, BTS		
	912-4854				iLock Relay, BTS, LED (8 Pin Deutsch Plug)		
QuiQ 1000 DCI	922-4854				SBS50 Blue*	12V Converter iLock Relay, BTS, LED (8 Pin Deutsch Plug)	Special Order
QuiQ 1500	914-4800			48V/30A* 1000W*	Ring Terminal	iLock, BTS	Stock Item
	914-4854				SBS50 Blue*	iLock Relay, BTS, LED (8 Pin Deutsch Plug)	
QuiQ 1000	913-4800	Off-Board	Included	48V / 18A 1000W	SB50 Blue	Handle for portable use	Stock Item
	913-4800b				EZGO Rectangle w/notch		
	913-4800c				EZGO RXV (Triangle)		
	913-4800d				Yamaha 3-Pin		
	913-4800e				Club Car 3-Pin	WILL NOT WORK WITH FACTORY OBC (pre 2014)	
	913-4800f				Crow's Foot	Handle for portable use	
	913-4800g				Yamaha 2-Pin (Nabson)		
	913-4800h				Star Car 3-Pin		
IC650 BASE	940-0003	On / Off-Board	Sold Separate	48V / 13A 650W	Sold Separate	iLock, BTS	Stock Item
IC650 COMM	940-0006					iLock relay, BTS, LED, CANbus	
IC900 BASE	942-0003			48V / 20A 900W		iLock, BTS, LED	Special Order
IC900 COMM	942-0010					iLock relay, BTS, LED, CANbus	
IC1200 BASE	941-0003			48V / 25A 1200W		iLock, BTS, LED	Stock Item
IC1200 COMM	941-0010					iLock relay, BTS, LED, CANbus	

DC Cable Details

QuiQ 1000/1500



	912-4800/914-4800 6 ft. w/ 3/8" Ring Terminal, iLock, BTS	912-4800-D1 6 ft. w/ 3/8" Ring Terminal, iLock, BTS, 10' Remote LED	912-4854 / 914-4854 1 ft. w/ SBS50 BLUE, 1 ft. w/ 8-Pin Deutsch Plug	922-4854 1 ft. w/ SBS50 BLUE, 8-Pin Deutsch Plug, PP75 4-Pin	913-4800 8 ft. w/ SB50 BLUE
913-4800b 8 ft. EZGO 48V w/ notch	913-4800c 8 ft. EZGO 48V RXV	913-4800d 8 ft. Yamaha 48V	913-4800e 8 ft. Club Car 48V	913-4800f 8 ft. Crow's Foot Plug	
913-4800g 8 ft. Yamaha 2-Pin (Nabson)	913-4800h 8 ft. Star Car 48V				

Continued on the next page →

See Pages 8-9 For Full Accessory List

48 Volt Chargers Continued

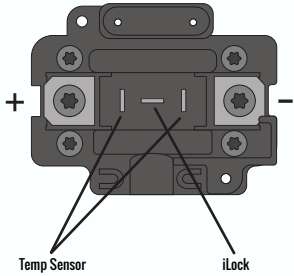
48 VOLT

IC SERIES

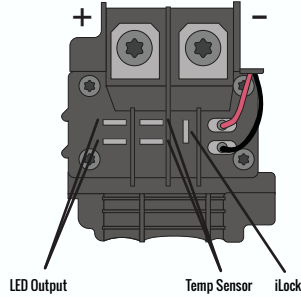
IC BASE & COMM MODELS

IC COMM MODELS

IC650 OUTPUT

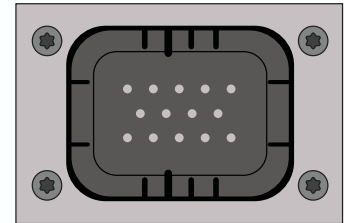


IC900 / IC1200 OUTPUT



IC900 / IC1200 SIGNAL OUTPUTS

- CANbus Signals
- Interlock Relay
- 5V Accessory Power
- Remote Temp Sensor
- Remote LED



(COMM MODELS ONLY)

Delta-Q Industrial Battery Chargers

72 VOLT

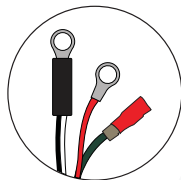
Model	Part #	Usage Type	AC Cord	DC Output	DC Connector	Notes	Availability
QuiQ 1000	912-7200	On-Board	Sold Separate	72V/12A/1000W	Ring Terminal	iLock,BTS	Stock Item
	912-7200-D1					Remote LED, iLock, BTS	
	912-7254				SBS50 Green - other accessories may be required.	iLock Relay, BTS, LED (8 Pin Deutsch Plug)	Discontinued
QuiQ 1000 DCI	922-7254			72V/20A*/1500W*		12V Converter, iLock Relay, BTS, LED (8 Pin Deutsch Plug)	Stock Item
QuiQ 1500 DCI	914-7254					iLock Relay, BTS, LED (8 Pin Deutsch Plug)	

DC Cable Details

QuiQ 1000/1500

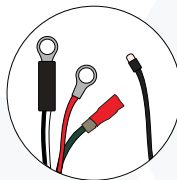


912-7200



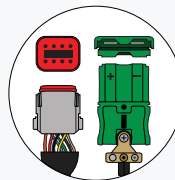
6 ft. w/ 3/8" Ring Terminal, iLock, BTS

912-7200-D1



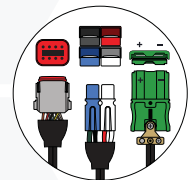
6 ft. w/ 3/8" Ring Terminal, iLock, BTS, 10' Remote LED

912-7254 / 914-7254



1 ft. w/ SBS50 GREEN, 1 ft. w/ 8-Pin Deutsch Plug

922-7254



1 ft. w/ SBS50 GREEN 8-Pin Deutsch Plug, PP75 4-Pin

Fullriver Multi Voltage Chargers

Model	Part #	Usage Type	AC Cord	DC Output	DC Connector	Notes	Availability				
FRI	FR1-RT	On / Off Board	Included	12V-48V / 1000W 12V / 30A MAX 24V / 30A MAX 36V / 25A MAX 48V / 20A MAX	Ring Terminal	Programming Module sold separately (Part #: WIFI-DONGLE)	Stock Item				
	FR1-SB50				SB50 Grey or Blue						
	FR1-SB175				SB175 Red or Grey						
	FR1-AGC	Off-Board			Alligator Clips						
	FR1-GCC-A				EZGO "D" Plug						
	FR1-GCC-B				EZGO Rectangle w/notch						
	FR1-GCC-C				EZGO RXV (Triangle)						
	FR1-GCC-D				Yamaha 3-Pin						
	FR1-GCC-E				Club Car 3-Pin			WILL NOT WORK WITH FACTORY OBC (Pre2014)			
	FR1-GCC-F				Crow's Foot			Programming Module sold separately (Part #: WIFI-DONGLE)			
	FR1-GCC-G				Yamaha 2-Pin (Nabson)						
	FR1-GCC-H				Star Car 3-Pin						
	WIFI-DONGLE	Programming			-			-	-	USED FOR PROGRAMMING THE FRI	Stock Item
	FRC	FR1-RT-12V			On / Off-Board			12V / 8A or 13A / 200W	Ring Terminal	Programming via dip switches	Special Order
FR1-SB50-24V		24V / 8A or 13A / 400W	SB50 Red								

DC Cable Details



 8 ft. w/ SB50 GREY	 8 ft. w/ SB50 GREY	 8 ft. w/ SB50 BLUE	 8 ft. w/ SB50 RED	 8 ft. w/ SB175 GREY
 8 ft. w/ Alligator Clips	 8 ft. EZGO "D" Plug	 8 ft. EZGO Rectangle w/ notch	 8 ft. EZGO 48V RXV	 8 ft. Yamaha 48V
 8 ft. Club Car 48V	 8 ft. Crow's Foot Plug	 8 ft. Yamaha 2-Pin (Nabson)	 8 ft. Star Car 48V	 Dongle For Programming FRI Chargers

DC Cable Details



 8 ft. w/ Ring Terminals 12V	 8 ft. w/ SB50 RED 24V
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Delta-Q Charger Accessory List

ACCESSORIES

AC Cords

	Model	Item Type	Item Type	Length	Part Description	Notes	Availability
#1	QuiQ	AC-Cord	AC-Cord	10 ft	NEMA 5-15P to IEC320 C13, 14AWG	Standard North American AC-cord (110VAC)	Stock Item
#2	QuiQ	AC-Cord-15		15 ft	NEMA 5-15P to IEC320 C13, 14AWG	Standard North American AC-cord (110VAC)	Stock Item
#3	IC Series	475-0406		10 ft	NEMA 5-15P to IEC320 C13, 14AWG, LOCK & SEAL	Standard North American AC-cord (110VAC)	Stock Item
#4	IC Series	475-0349		6.5 ft	NEMA 5-15P to IEC320 C13, 14AWG, LOCK & SEAL	Standard North American AC-cord (110VAC)	Stock Item
#5	IC Series	475-0410		10 ft	SHUCKO CEE 7/7 to IEC320 C13, 16AWG, LOCK & SEAL	Standard European AC-cord (220VAC)	Stock Item

DC Cables (for IC Series chargers)

	Model	Item Type	Item Type	Length	Part Description	Notes	Availability
#6	IC Series	475-0466	DC Harness	5.6 ft	DC Harness w/ 3/8" Ring Terminals	Max Amps 38	Stock Item
#7	IC Series	475-0351		6 ft	DC Harness w/ 3/8" Ring Terminals, iLock, BTS	Max Amps 34	Stock Item
#8	IC Series	475-0353		8 ft	DC Harness w GREY SB50	Max Amps 34	Stock Item
#9	IC Series	475-0409		8 ft	DC Harness w/ RED SB50	Max Amps 34	Stock Item
#10	IC Series	475-0354		8 ft	DC Harness w/ GREY SB175	Max Amps 34	Stock Item
#11	IC Series	475-0379		2 ft	DC Harness w/ BLACK SB175	Max Amps 50	Stock Item

DC Cable Adapters

	Model	Item Type	Item Type	Length	Part Description	Notes	Availability
#12	QuiQ / FR1	293-045	Adapter	1 ft	SB50 Grey to SB175 Grey Adapter	SB175 housing color can be changed by request	Stock Item
#13	QuiQ / FR1	GCC-A		2 ft	36V EZGO TXT from SB50 Adapter	"D-Plug" - Fits EZGO 1996 and later	Stock Item
#14	QuiQ / FR1	GCC-B		2 ft	48V EZGO TXT from SB50 Adapter	"Square w/ Notch" - Fits EZGO & Western vehicles 1996 and later	Stock Item
#15	QuiQ / FR1	GCC-C		2 ft	48V EZGO RXV from SB50 Adapter	"3-Pin Triangle" - Fits EZGO 2008 & later	Stock Item
#16	QuiQ / FR1	GCC-D		2 ft	48V YAMAHA from SB50 Adapter	"3-Pin" Fits Yamaha 2006 and later	Stock Item
#17	QuiQ / FR1	GCC-E		2 ft	48V CLUB CAR from SB50 Adapter	"3-Pin Round" - Fits Club Car 1995 and later (Not for use with OBC)	Stock Item
#18	QuiQ / FR1	GCC-F		2 ft	48V CROWS FOOT from SB50 Adapter	Fits older EZGO, Cushman, Yamaha, Club Car, Karrior, Legend, Noland, Norskog, Columbia	Stock Item
#19	QuiQ / FR1	GCC-G		2 ft	36V YAMAHA from SB50 Adapter	(2-Pin) Nabson Plug - Fits Yamaha MAC 1996 and Later	Stock Item
#20	QuiQ / FR1	GCC-H		2 ft	48V STAR CAR from SB50 Adapter	"3-Pin Round" - Fits Star Car Vehicles (other voltage configs available)	Stock Item

Accessories

	Model	Item Type	Item Type	Length	Part Description	Notes	Availability
#21	QuiQ / IC Series	900-0061	Accessory	-	Remote LED label (pack of 10)	For use on remote LED enabled chargers only	Stock Item
#22	QuiQ	900-0071		-	SBS50 Blue w/ pins and Strain relief	For use with 48V QuiQ chargers ending with ***54	Stock Item
#23	QuiQ	900-0072		-	SBS50 Green w/ pins and Strain relief	For use with 72V QuiQ chargers ending with ***54	Stock Item
#24	QuiQ	900-0075		-	Deutsch 8-Pin Accessory Kit	For use with QuiQ chargers ending with ***54	Stock Item
#25	QuiQ	900-0103		-	Deutsch 8-Pin Signal Harness	For use with QuiQ chargers ending with ***54	Stock Item
#26	QuiQ Dci	900-0076	Accessory	-	PP75 2x2 Stacked Accessory Kit	For use with 48V QuiQ chargers begin/ending with 922**54	Stock Item
#27	IC900 / IC1200	900-0138		10 ft	Remote LED w/ Faston Tabs	For use with any IC900/IC1200 charger	Stock Item
#28	QuiQ / IC Series	475-0348		10 ft	Remote Temp Sensor (BTS) w/ Faston Tabs	Quick Connect to any IC Series charger wiring required for QuiQ	Stock Item
#29	IC Series (COMM)	475-0357		6 ft	Signal Harness w/ iLock Relay & LED		Stock Item
#30	IC Series (COMM)	475-0359		6 ft	Signal Harness w/iLock Relay, LED, 10CCT Pigtail	10 CCT pigtail for CANbus use	Stock Item
#31	IC650	900-0111		-	Handle & Feet kit for IC650 chargers	Converts any IC650 for off-board portable use	Stock Item

Delta-Q Charger Accessory List

ACCESSORIES

Programmer & Service Items

	Model	Item Type	Item Type	Length	Part Description	Notes	Availability
#32	QuiQ	900-0089-02	Programmer	-	Add/Delete/Change algorithms on QuiQ chargers	PC computer required	Stock Item
#33	QuiQ / IC Series	900-0002	Service Item	-	Temp Sensor Repair Kit		Stock Item
#34	QuiQ	900-0057		-	Handle for QuiQ chargers	Replacement handle or add portability to any QuiQ charger	Stock Item
#35	QuiQ / IC Series	900-0058		10 ft	Remote LED w/ shielded bare wires	For use on BTS enabled chargers only	Special Order
#36	QuiQ / IC Series	900-0060		4 ft	Replacement temp sensor w/ bare wires		Special Order
#37	IC650	426-0062		-	Clamp Breakaway for DC Cord (IC650 only)	For use when DC cable runs from back to front of charger	Stock Item
#38	IC1200	900-0123		-	Replacement Fan for IC1200		Stock Item
#39	IC650 AWP Kit	480-0392		-	Replacement Interlock box for IC Series AWP Kit	For use with part 940-0001-S005	Stock Item



AMMETER

Solid

Displays Scale of output during bulk phase.

Flashing

Output has been reduced due to high internal charger temperature. Displays Charge profiles 1-6 for 11 seconds if no battery is connected.

AC INDICATOR

Solid

AC power is present

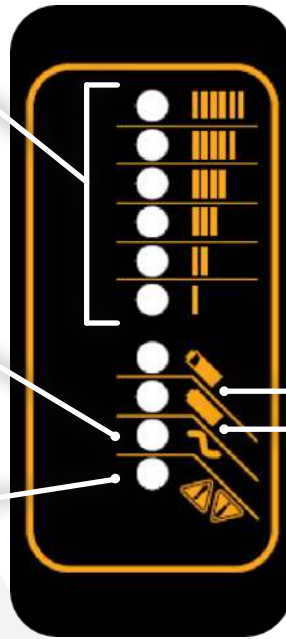
Flashing

Low AC voltage. Check electrical source and cord length.

FAULT INDICATOR

Red Light

Charger error. Refer to troubleshooting instructions below.



BULK CHARGE INDICATOR

Solid

Bulk charge phase complete (80% charged); in absorption phase.

Flashing

Displays charge profile number if no battery is connected.

CHARGE COMPLETION

Solid

Charging complete and maintenance mode is active.

Flashing

Absorption phase complete, in finishing phase.

Selecting a Charge Profile

Delta-Q's QuiQ Charger can store up to 10 charging profiles, also called charge algorithms. Pre-2006 QuiQ chargers with serial number prefix DQCP allow pre-loaded profiles to be selected, but cannot be reprogrammed with new profiles. QuiQ chargers can be programmed using one of two methods.

MANUAL SELECTION METHOD

Requires no external hardware.

QUIQ PROGRAMMER WITH PC METHOD

Requires a QuiQ Programmer (900-0089-02) and a PC.

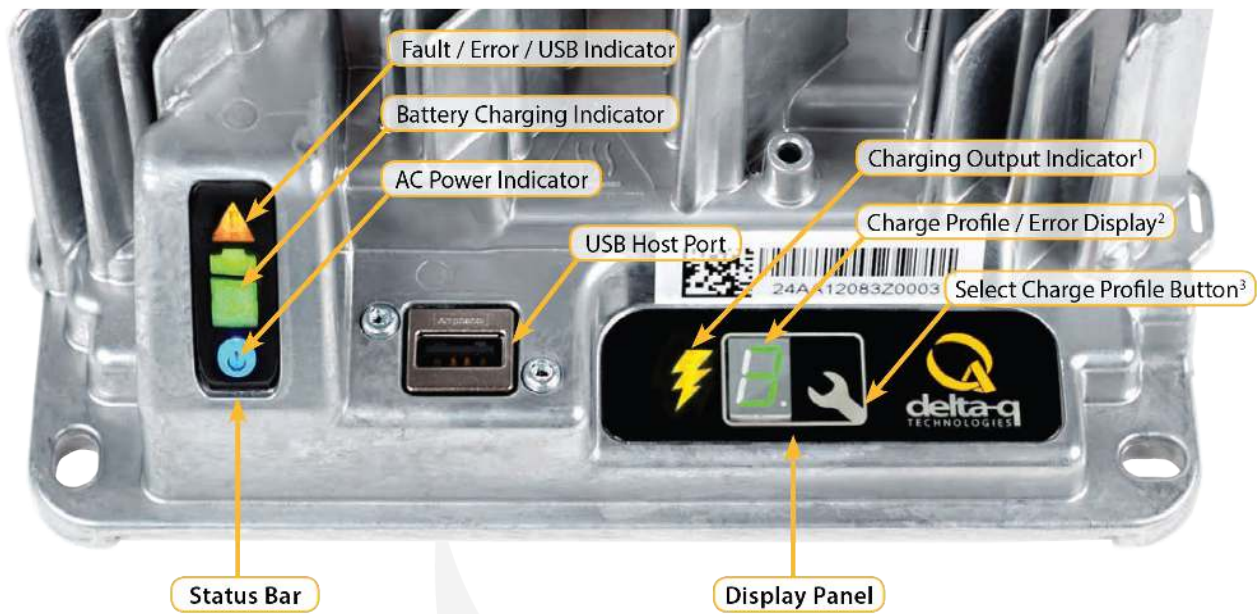
For more information, visit the Delta-Q support page: www.delta-q.com/support/



Troubleshooting Instructions

If a fault occurs, count the number of red flashes between pauses and refer to the table below.

Flash Sequence	Cause	Solution
⏸️ 🔴 ⏸️	Battery high voltage.	Check battery size condition. This fault will clear automatically once the condition has been corrected.
⏸️ 🔴 🔴 ⏸️	Battery low voltage.	Check battery size and condition. This fault will clear automatically once the condition has been corrected.
⏸️ 🔴 🔴 🔴 ⏸️	Charge timeout caused by battery pack not reaching required voltage; or charger output reduced due to high temperatures.	Check connections. Ensure battery type matches selected charge profile and operate the charger at a lower ambient temperature. Reset the charger by interrupting AC power for 15+ seconds.
⏸️ 🔴 🔴 🔴 🔴 ⏸️	Battery could not be trickle charged up to minimum voltage.	Check for shorted or damaged cells. Reset the charger by interrupting AC power for 15+ seconds.
⏸️ 🔴 🔴 🔴 🔴 🔴 ⏸️	Charger shutdown due to high internal temperature.	Ensure sufficient cooling airflow. Reset the charger by interrupting AC power for 15+ seconds.
⏸️ 🔴 🔴 🔴 🔴 🔴 🔴 ⏸️	Internal charger fault.	Reset the charger by interrupting AC power for 15 seconds. Return to service depot if fault persists.



Solid Red - Charger Fault.
See display panel for details.



Solid Blue - AC power available.



Flashing Amber - Caution. External error condition. See display panel for details.



Flashing Green - Low state of charge.
Solid Green - High state of charge.



Flashing Green - USB port active.
Solid Green - Safe to remove USB flash drive.



Flashing Green - High state of charge.
Solid Green - Charge complete.



Selecting a Charge Profile

- 1 Disconnect AC input from the charger, or from the wall outlet. Wait 30 seconds for the input relay to open. (See Figure 1)
- 2 While reconnecting AC input, press and hold the Select Charge Profile Button. Hold the button until Error Indicator is on and Battery Charging Indicator starts flashing.
- 3 Press and release the Select Charge Profile Button to advance through charging profiles loaded on the charger. The selected charging profile will be displayed up to three times (e.g. "P-0-1-1" for Profile 11). (See Figure 2)
- 4 Once desired charging profile is displayed, press and hold button for 10 seconds to confirm selection and exit Profile Selection Mode. (See Figure 3)
- 5 Press the Select Charge Profile Button to check that the desired profile is selected.



For more information, visit the Delta-Q support page:
www.delta-q.com/support/



DELTA-Q ALGORITHM LIST

Algorithm #	Preloaded On		Battery Type	AH Range	Compatibility	Designed For	Notes
	QuiQ	IC Series					
5*	•	•	Flooded	85-150	Group 27, 31	Trojan 30XHS / 31XHS	
1*		•	Flooded	150-260	Group GC2, GC8, GC12, J185	Trojan T-105	
38*		•	Flooded	120-170	Group GC12 / Industrial Cells	Trojan T1275	113% Finish Cap
7			Flooded	330-425	Group J305, L16	Trojan L16	
37			Flooded	200-250	42v	Trojan-105	48v to 42v Conversion
71	•	•	Flooded	140-200	Group GC8, 27, 31	US Battery 8V-GC	
11	••	••	Flooded	200-255	Group GC2, GC2H	US Battery US125	
72	•	•	Flooded	250-320	Group J305	US Battery US-305HC	
73	•	•	Flooded	300-425	Group L16	US Battery US-L16HC	
21*	•	•	Flooded	210	Industrial Cells	Exide	
42*		•	AGM	80-150	General AGM	Discover EV31A	
43*		•	AGM	200-400	General AGM	Discover	
126*	•	•	AGM	85-140	Group 24, 27, 31	Fullriver	Fullriver Compatible Only
125*	•	•	AGM	150-200	Group GC8, GC12, 6v27	Fullriver DC180-8	Fullriver Compatible Only
151*	•	•	AGM	220-290	Group GC2, J185, 4D, 8D	Fullriver DC224-6	Fullriver Compatible Only
141*	•	•	AGM	335-415	Group J305, L16	Fullriver DC400-6	Fullriver Compatible Only
225			AGM	55-415	All Models	Fullriver All Models	Fullriver Only - Float Charge
8*			AGM	80-150	Group 24, 27, 31	Concord / Lifeline 104Ah	
35*			AGM	200-255	Group GC2, GC2H, 6v27	Concord / Lifeline 233Ah	
5*			AGM	85-150	Group 27, 31, GC12	Trojan	Float Finish
6*	•	•	GEL	98-120	Group 27, 31	East Penn Deka 8G31	
26*		•	GEL	150-230	Group GC8, GC2	East Penn Deka 8GGC2	
52*			GEL	80-130	Group 27, 31	Exide Sonnenschein 105Ah	
51*			GEL	150-200	Group GC8, GC2	Exide Sonnenschein 180Ah	
12*			GEL	200-300	Group 4D, 8D, J305	Exide 240Ah	

- * Temperature compensated algorithm
- Default setting for QuiQ and IC650 chargers

CAUTION: Using algorithms to charge batteries they were not designed for is done at your own risk. Delta-Q is continuously testing and updating charge algorithms with various batteries. Though many algorithms may work with a range of batteries, certain properties including variations in manufacturing, chemical composition, and health may cause unacceptable charging performance. Closely monitor a suggested battery/algorithm combination for at least three charge cycles to ensure batteries are being properly charged.