


SEATS PART #	760744	760743	N/A	760742	N/A
DC OUTPUT					
QuiQ Model: 912-	24xx	36xx		48xx	72xx
Voltage-nom (V)	24	36		48	72
Voltage-max (V)	33.6	50.4		67.2	100
Current-max (A)	25	21		18	12
Battery Type	Specific to selected algorithm				
Reverse Polarity	Electronic protection - auto-reset				
Short Circuit	Electronic current limit				
MECHANICAL: ALL MODELS					
Dimensions	28.0 X 24.5 X 11.0 CM (11 X 9.7 X 4.3")				
Weight	<5 kg (<11 lbs)				
Environmental	Enclosure: Type 3 / NEMA 3 / IP46				
Operating Temperature	-30°C to +50°C (-22°F to 122°F), derated above 30°C, below 0°C				
Storage Temperature	" -40°C to +70°C (-40°F to 158°F)				
AC Input Connector	IEC 320/C14 (require ?1.8m localized cord)				
DC Output Connector	OEM specific w/ 12 AWG wire				
AC INPUT: ALL MODELS					
Voltage-max (Vrms)	85 - 265				
Voltage-nominal (Vrms)	120 / 230				
Frequency (Hz)	45 - 65				
Current - max (Arms)	12A @ 120VAC (reduced 20% < 104V)				
Current-nominal (Arms)	10A @ 120VAC / 5A @ 230VAC				
AC Power Factor	>0.98 at nominal input current				
REGULATORY: SAFETY					
EN 60335-1/2-29	Safety of Appliances/Batter Chargers				
UL 2202	EV Charging System equipment				
UL 1564 2nd Edition	Industrial Battery Charger				
CSA-C22.2 No. 107.2	Battery Chargers-Industrial				
EMISSIONS					
FCC Part 15/ICES 003	Unintentional Radiators Class A				
EN 55011	Radio disturbance characteristics (Class A)				
EN 61000-3-2	Limits for harmonic current emissions				
EN 61000-3-3	Limits of voltage fluctuations and flicker				
IMMUNITY					
EN 61000-4-2	Electrostatic discharge immunity				
EN 61000-4-3	Radiated, radio-frequency, EMF immunity				
EN 61000-4-4	Electrical fast transient/burst immunity				
EN 61000-4-5	Surge immunity				
En 61000-4-6	Conducted immunity				
En 61000-4-11	Voltage variations immunity				
OPERATION: ALL MODELS					
Charger Model: 912-	xx0x (10 LED)	xx1x (1 LED)			
AC ON	Solid YELLOW	LED Active			
AC LOW	Flash YELLOW	Flash YELLOW			
Thermal Cutback	Flash Bargraph	Flash YELLOW			
<80% Charger Indicator	~	Short Flash GREEN			
>80% Charger Indicator	Solid YELLOW	Long Flash GREEN			
100% Charger Indicator	Solid GREEN	Flash RED			
Fault Indicator	Flash RED	Flash RED			
DC Ammeter	LED Bargraph	~			
Bat Temp Compensation	Automatic	Optional			
Maintenance Mode	Auto-restart if V<2.1 Vpc or 30 days elapse				

SERVICE PARTS		
P/N	CPC P/N	DESCRIPTION
760817	66029-12	LED, REMOTE CHARGER CORD
760754	66584-12	CHARGER LED LABEL

PLEASE NOTE

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REV	DESCRIPTION	DATE	APPROVED
SEE SHEET 1			
REVISIONS			
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONAL ± 1/2" 3 PLACE DECIMALS ± .010 2 PLACE DECIMALS ± .030 1 PLACE DECIMALS ± .50 ANGLES ± 1.0° INTERNAL FEATURES ± .003		 1115 Commercial Ave Reedsburg, WI 53959	
DRAWN BY: GHELD CHECKED BY: DATE: 11/08/2011		TITLE: CHARGER, DELTA Q - 48V SEALED, W/LED	
FILE NAME: 760742-01.dft		SIZE: B 65212 FSCM NO: 760742	SEATS NO: 66583-12 CPC NO:
DO NOT SCALE PRINT		WEIGHT: 8.476 lbm	SHEET: 2 OF 5