

# Easy Charger 24



24 V / VKB: 57020101401



\* Illustration only

Charger for:



## GENERAL

Charger Software	Delta-Q Charger RC1000 24 V VARTA specific software; tested and approved
Size (l x w x h) in mm General	300 x 179 x 80 Charger for Easy Blade 24 V and Easy Block 24 V
Communications	CAN Bus (CANopen)
Weight	3.55 kg

## ELECTRICAL SPECIFICATION

AC input connector	IEC320/C14 with Delta-Q country-specific AC cord
DC output connector	Poka-Yoke threaded fasteners for ring terminals. Negative: M6, Positive: M8
Signal connector	TE AmpSeal automotive connector (IP6K9K rated) - mates with TE Connectivity AmpSeal Plug (p/n: 776262-4); Signals for CAN bus (isolated); Remote status indicators; Signal Interlock

## DC OUTPUT

Lithium final charging voltage	24-36 VDC
Max DC output voltage	36 VDC
Max DC output current. $V_{in} > 200$	40 A
Max DC output power. $V_{in} > 200$	1000 W ( $V_{out} > 24V$ )
Max DC output current. $V_{in} < 200$	40 A
Max DC output power. $V_{in} < 200$	1200 W ( $V_{out} > 24V$ )
Dry contact interlock current rating	1 A

## AC INPUT

Max AC input current	11.25 A
Nominal AC input current	11.1 A @ 120 VAC 5.7 A @ 240 VAC

## ENVIRONMENTAL CONDITIONS

Operating temperature	-40°C to +65°C
Full nominal output power	-35°C to +40°C
Storage	-40°C to +85°C
IP rating	IP 66

## SAFETY CERTIFICATIONS

Voltage Class A (less than 60 VDC)  
This battery charger is certified to UL 1564, EN 60335-2-29, AZ/NZS 60335 (RCM)

## FEATURES

Active cooling - Forced convection with variable speed fan  
Sealed aluminum die-cast enclosure protects against vibration, shock, dirt, chemicals and fluids.  
Charge algorithms to precisely charge lithium batteries while balancing charge time, battery life and application requirements.  
Power cable is not included. Can be ordered under the part number 37000727150 (AC Cord 3m)

Minimum order quantity: 50 pcs / Order multiples: 10 pcs - Product for OEM customers only. Distributor MOQs may vary.