

# Easy Charger 48

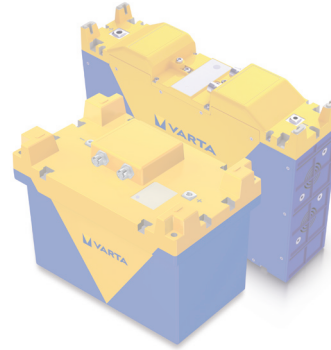
48 V | VKB: 57021101401

VARTA Storage GmbH - Rev No. 1 0421

Preliminary - Specifications subject to change.



Charger for



\*Illustration only

## GENERAL

Charger Software	Delta-Q Charger ICL1500 58 V VARTA specific software; tested and approved
Size (L x w x h) in mm	300 x 179 x 80
General	Charger for Easy Blade 48 V and Easy Block 48 V
Communications	CAN Bus (CANopen)
Weight	3.55 kg

## ELECTRICAL SPECIFICATION

AC input connector	IEC320/C14
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

## ENVIROMENTAL 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

## AC INPUT

Max AC input current	14.0 A
Nominal AC input current	11.1 A @ 120 VAC 7.2 A @ 230 VAC

## DC OUTPUT

Lithium final charging voltage	36-58 VDC
Max DC output voltage	58.1 VDC
Max DC output current. $V_{in} > 200$	33.3 A
Max DC output power. $V_{in} > 200$	1500 W ( $V_{out} > 48V$ )
Max DC output current. $V_{in} < 200$	33.3 A
Max DC output power. $V_{in} < 200$	1200 W ( $V_{out} > 24V$ )
Dry contact interlock current rating	0.3 A

## 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 3 m USA) and 37000800751 (AC CORD 3 m EU)

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