

# Easy Charger 24

24 V / VKB: 57020101401



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\* Illustration only

Charger for:



### GENERAL

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Charger                | Delta-Q Charger RC1000 24 V                     |
| Software               | VARTA specific software; tested and approved    |
| Size (l x w x h) in mm | 300 x 179 x 80                                  |
| General                | 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)

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