



**The Robust 888 is an IP66 protected compact and versatile charger for on board and other demanding charging applications**

## TECHNICAL DATA

# ROBUST 888 CHARGER

|                              |  |
|------------------------------|--|
| Nominal AC Input voltage     | 100V - 240V                                      |
| Input voltage range          | 85 - 270V, 47 - 63Hz                             |
| Input current (Max)          | < 7,5A   |
| Input fuse (inside the unit) | 10A  |
| Inrush current               | < 30A, Shall not trip 10A B-type circuit breaker |
| Efficiency                   | up to > 93%                                      |
| No Load Power                | 10W  |
| Standby Power                | 4W   |
| PF                           | > 0,98 (230V), > 0,99 (120V)                     |
| Maximum DC Output Power      | 650W   |
| Nominal Output Voltage       | 24V   48V  |
| Maximum Output Voltage       | 36V   72V  |
| Output current (Max)         | 28A   14A  |
| Li-Ion battery charging      | CAN bus communication, external BMS              |
| Lead battery charging        | Preselected charging curves                      |
| Cooling                      | Passive  |



|                                      |   |
|--------------------------------------|---|
| Output Voltage setting accuracy      | ± 0,5%  |
| Output Current setting accuracy      | ± 2%  |
| Output ripple                        | < 1% rms from maximum output voltage (1MHz bandwidth) |
| Reverse polarity protection          | Reversed polarity at 1,5* nominal voltage             |
| Short circuit protection             | YES   |
| Overload protection                  | YES   |
| Isolation:                           |   |
| Input chassis                        | 1500 Vac  |
| Input-output                         | 3000 Vac  |
| Output-chassis                       | 500 Vac   |
| Standards:                           |   |
| Safety                               | EN60335-2-29  |
| EMC Emissions                        | EN61000-6-3:2007+A1, EN61000-3-2:2006+A1+A2           |
| EMC Immunity                         | EN61000-6-2:2005, EN61000-3-3:2008                    |
| Dimensions and Weight                | 194mm (l) x 229mm (w) x 78mm (d), 3kg                 |
| Protection class                     | IP66  |
| Ambient temperature (Absolute max)   | + 55°C  |
| Ambient temperature (Full Power Out) | - 35°C ... + 35°C                                     |

## Typical U/I curves at 230VAC input

