



## TECHNICAL DATA

# LION 200 80V/115A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

|                                  |                      |
|----------------------------------|----------------------|
| Part number                      | LU6453               |
| Model                            | LION 200             |
| Type                             | 80V/115A             |
| <b>MAINS DATA (50/60HZ)</b>      |                      |
| Output Voltage [V]               | 80                   |
| Output Current [A]               | 115                  |
| Number of phases                 | 3                    |
| Rated Voltage range [V]          | 230-240              |
| Current at nominal voltage [A]   | 31.6                 |
| Recommended supply fuse [A]      | 32                   |
| Supply cable area                | 4x10 mm <sup>2</sup> |
| Supply cable length [m]          | 3                    |
| Typical Supply Connector         | CEE32                |
| Output cable cross-section       | 35 mm <sup>2</sup>   |
| <b>BATTERY CONNECTION</b>        |                      |
| Output cable cross-section       | 35 mm <sup>2</sup>   |
| Output cable terminals (in unit) | M10                  |
| Output cable length [m]          | 3                    |
| Typical Output connector         | DIN160               |
| Output Voltage [V]               | 80                   |
| <b>ELECTRIC DATA</b>             |                      |
| Standby Power Consumption [W]    | <15                  |
| Power Consumption [W]            | 11928                |
| Apparent Power Consumption [VA]  | 12556                |

|  |      |
|--|------|
| Power Factor                                   | 0,95 |
| Inrush current, do not tripp fuse of class [A] | B    |
| Output Ripple                                  | <5   |
| Efficiency (at rated power and no cables) [%]  | 93   |

## PROPERTIES

|  |            |
|--|------------|
| Ingress protection                                       | IP20       |
| Ambient temperature range (at full output power) [deg C] | -5 to +40  |
| Ambient max temp (with reduced output power) [deg C]     | 50         |
| Cooling  | Convection |
| Short Circuit Protection                                 | Yes        |
| Wrong Polarity Protection                                |            |
| Cabinet Type   | A22        |
| Certifications   | CE         |
| HMI  |            |
| HMI Language   |            |
| Reporting  | No         |
| Radio Communication                                      | No         |
| Charging Curve Set                                       |            |
| I/O-cards  |            |
| CE   | Yes        |
| UL   | No         |

## CHARGING TIMES

6 Hours cap.ah/5h

8 Hours cap.ah/5h

10 Hours cap.ah/5h

12 Hours cap.ah/5h

## CHARGER DIMENSIONS

|                              |      |
|------------------------------|------|
| Weight excl. cables [kg]     | 34.5 |
| Weight incl. cables [kg]     | 39   |
| Outer Dimensions Height [mm] | 659  |

|                             |                 |
|-----------------------------|-----------------|
| Outer Dimensions Width [mm] | 256             |
| Outer Dimensions Depth [mm] | 459             |
| Min Spacing Required        | See User Manual |

## SHIPPING DIMENSIONS

|                      |      |
|----------------------|------|
| Shipping Weight [kg] | 42.4 |
| Box Height [mm]      | 435  |
| Box Width [mm]       | 370  |
| Box Depth [mm]       | 690  |

## CHARGING

|                     |    |
|---------------------|----|
| Charging Ionic      |    |
| Charging Standard   |    |
| Charging Gel        |    |
| Charging Li-Ion     |    |
| Charging AGM        |    |
| Moisture Resistance | No |
| Dusty Environment   | No |
| Outdoor use         | No |
| Cold store          | No |
| Tropical            | No |

*The information in this document is subject to change without notice and should not be construed as a commitment by Micropower E.D. Marketing AB.*