

## **TECHNICAL DATA**

## MICROPOWER SL180 LI 96V/160A BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| Family  | Micropower SL180 |
|---|------------------|
| DC Rating                                     | 96V/160A         |
| Part number                                   | EB9549           |
| Model code                                    | 1A5B206          |
| Part status                                   | Released         |
| SUPPLY  |                  |
| Number of phases                              | 3                |
| Rated Voltage range [V]                       | 380-440          |
| Nominal Voltage [V]                           | 400              |
| Rated frequency [Hz]                          | 50-60            |
| Current at nominal voltage [A]                | 29,3             |
| Current at min rated voltage [A]              | 30,8             |
| Current at max rated voltage [A]              | 26,6             |
| Recommended supply fuse class                 | C                |
| Recommended RCCB class                        | В                |
| Supply cable area                             | 4x6 mm2          |
| Supply cable length [m]                       | ?2,5             |
| Typical Supply Connector                      | CEE32            |
| Standby Power Consumption [W]                 | <3,5             |
| Power Consumption [W]                         | 19408            |
| Apparent Power Consumption [VA]               | 20280            |
| Power Factor                                  | 0,96             |
| Leakage current [mA]                          | <3,5             |
| Efficiency (at rated power and no cables) [%] | 96               |

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| OUTPUT DATA  |                         |
|--|-------------------------|
| Reversed polarity protection                             | Fuse                    |
| Short Circuit Protection                                 | Yes                     |
| Output Voltage [V]                                       | 96                      |
| Output Current [A]                                       | 160                     |
| Output cable cross-section                               | 50 mm2                  |
| Output cable length [m]                                  | 3                       |
| Output cable terminals (in unit)                         | M8                      |
| Typical Output connector                                 | DIN160                  |
| Output fuse, rating [A/VDC]                              | 2x125A/150VDC           |
| Output fuse type   | Fast Semiconductor fuse |
| PROPERTIES   |                         |
| Ingress protection                                       | IP21                    |
| Ambient temperature range (at full output power) [deg C] | -5 to +40               |
| Ambient max temp (with reduced output power) [deg C]     | 50                      |
| Ambient storage and transport temperature [C]            | -40 to +80/1000h        |
| Maximum operating altitude [m]                           | 2000                    |
| Maximum humidity, non-condensing [%rh]                   | 90                      |
| Cooling  | Convection              |
| Cabinet Type   | B2                      |
| Certifications   | CE                      |
| Cloud connection   | Yes                     |
| User interface   | LED/Display             |
| Charging Curve Set                                       | Litium Alg or CAN       |
| 1/0-cards  | CAN/Detect              |
| Reporting  | Yes                     |
| Radio communication                                      | Yes                     |
| CHARGER DIMENSIONS                                       |                         |
|  |                         |
| Weight excl. cables [kg]                                 | 42                      |

## SHIPPING DIMENSIONS Box dimensions [mm] 560x800x600 Shipping Weight [kg] 60