

## TECHNICAL DATA

# MICROPOWER SL170 PB 36V/400A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

|             |                  |
|-------------|------------------|
| Family      | Micropower SL170 |
| DC Rating   | 36V/400A         |
| Part number | DF3866-B3/A      |
| Model code  | 1A5B4EJ          |
| Part status | Released         |

### SUPPLY

|   |         |
|---|---------|
| Number of phases                              | 3       |
| Rated Voltage range [V]                       | 480     |
| Nominal Voltage [V]                           | 480     |
| Rated frequency [Hz]                          | 50-60   |
| Current at nominal voltage [A]                | 23,5    |
| Current at min rated voltage [A]              | 23,5    |
| Current at max rated voltage [A]              | 23,5    |
| Recommended supply fuse class                 | C       |
| Recommended RCCB class                        | B       |
| Supply cable area                             | 4xAWG10 |
| Supply cable length [m]                       | 2,5     |
| Typical Supply Connector                      | L16-30P |
| Standby Power Consumption [W]                 | <3,5    |
| Power Consumption [W]                         | 18663   |
| Apparent Power Consumption [VA]               | 19502   |
| Power Factor                                  | 0,96    |
| Leakage current [mA]                          | <3,5    |
| Efficiency (at rated power and no cables) [%] | 94      |

## OUTPUT DATA

|                                  |                         |
|----------------------------------|-------------------------|
| Reversed polarity protection     | Fuse                    |
| Short Circuit Protection         | Yes                     |
| Output Voltage [V]               | 36                      |
| Output Current [A]               | 400                     |
| Output cable cross-section       | 2/0(x2) AWG             |
| Output cable length [m]          | 3                       |
| Output cable terminals (in unit) | M8                      |
| Typical Output connector         | 2xDIN320                |
| Output fuse, rating [A/VDC]      | 2x250A/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   | B4                |
| Certifications   | UL                |
| Cloud connection   | Yes               |
| User interface   | LED/Display       |
| Charging Curve Set                                       | Multiple Lead     |
| I/O-cards  | Remote Start/Stop |
| Reporting  | Yes               |
| Radio communication                                      | Yes               |

## CHARGER DIMENSIONS

|                          |             |
|--------------------------|-------------|
| Weight excl. cables [kg] | 51          |
| Charger dimensions [mm]  | 699x579x520 |

## SHIPPING DIMENSIONS

|                      |             |
|----------------------|-------------|
| Box dimensions [mm]  | 845x800x600 |
| Shipping Weight [kg] | 81          |

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