

## TECHNICAL DATA

# MICROPOWER SX17 LI 24V/60A UR BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

|             |           |
|-------------|-----------|
| Family      | SX17      |
| DC Rating   | 24V/60A   |
| Part number | WM2340-A2 |
| Model code  | 3AGD716   |
| Part status | Released  |

| SUPPLY                                        |                  |
|-----------------------------------------------|------------------|
| Number of phases                              | 1                |
| Rated Voltage range [V]                       | 220-240          |
| Nominal Voltage [V]                           | 230              |
| Rated frequency [Hz]                          | 50-60            |
| Current at nominal voltage [A]                | 8.6              |
| Current at min rated voltage [A]              | 15.0             |
| Current at max rated voltage [A]              | 8.3              |
| Recommended supply fuse class                 | C                |
| Recommended RCCB class                        | A                |
| Supply cable area                             | 3xAWG14          |
| Supply cable length [m]                       | 2.0              |
| Typical Supply Connector                      | Fixed NEMA 6-20P |
| Standby Power Consumption [W]                 | <5               |
| Power Consumption [W]                         | 1942,417582      |
| Apparent Power Consumption [VA]               | 1982,058758      |
| Power Factor                                  | 0.98             |
| Leakage current [mA]                          | <3.5             |
| Efficiency (at rated power and no cables) [%] | 91               |

## OUTPUT DATA

|                                  |                         |
|----------------------------------|-------------------------|
| Reversed polarity protection     | Fuse                    |
| Short Circuit Protection         | Yes                     |
| Output Voltage [V]               | 24                      |
| Output Current [A]               | 60                      |
| Output cable cross-section       | AWG2                    |
| Output cable length [m]          | 3                       |
| Output cable terminals (in unit) | M6                      |
| Typical Output connector         | DIN80                   |
| Output fuse, rating [A/VDC]      | 160A/150VDC             |
| Output fuse type                 | Fast Semiconductor fuse |

## PROPERTIES

|                                                      |                             |
|------------------------------------------------------|-----------------------------|
| Ingress protection                                   | IP21                        |
| Operation Temperature [deg C]                        | -5 to +40                   |
| Ambient max temp (with reduced output power) [deg C] | 55                          |
| Ambient storage and transport temperature [C]        | -25 to +60/1000h            |
| Maximum operating altitude [m]                       | 2000                        |
| Maximum humidity, non-condensing [%]                 | 90                          |
| Cooling                                              | Convection                  |
| Cabinet Type                                         | A51                         |
| Certifications                                       | UR                          |
| Cloud connection                                     | Yes                         |
| User interface                                       | LED/Display                 |
| Charging Curve Set                                   | Litium CAN                  |
| I/O-cards                                            | Basic option are integrated |
| Reporting                                            | Yes                         |
| Radio communication                                  | Yes                         |

## CHARGER DIMENSIONS

|                          |             |
|--------------------------|-------------|
| Weight excl. cables [kg] | 6           |
| Charger dimensions [mm]  | 455x220x103 |

SHIPPING DIMENSIONS

|                      |             |
|----------------------|-------------|
| Box dimensions [mm]  | 165x265x595 |
| Shipping Weight [kg] | 9.4         |

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