MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

# TECHNICAL DATA

# MICROPOWER SC8 PB 24V/30A BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|---|---|
| Family | SC8 |
| DC Rating | 24V/30A |
| Part number | V72270-A1 |
| Model code | 3AFD110 |
| Part status | Released |

## SUPPLY

| | |
|---|---|
| Mains Phase | 1 |
| Input Voltage [V] | 220-240 |
| Nominal Voltage [V] | 230 |
| Rated frequency [Hz] | 50-60 |
| Max Mains Current (at nominal mains V) [A] | 4.3 |
| Current at min rated voltage [A] | 4.5 |
| Current at max rated voltage [A] | 4.2 |
| Recommended supply fuse class | C |
| Recommended RCCB class | A |
| Mains Cable Area [mm2] | 3x1.0 mm2 |
| Mains Cable Length [m] | 2.3 |
| Mains Connector | IEC C14/CEE17 |
| Standby Power Consumption [W] | <5 |
| Power Consumption [W] | 977,1428571 |
| Apparent Power Consumption [VA] | 997,0845481 |
| 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] | 30 |
| Battery Cable [mm2] | 16 mm2 |
| Battery Cable Length [m] | 3 |
| Battery Cable Connection (in charger) | M5 |
| Battery Connector (not included) | DIN80 |
| Output fuse, rating [A/VDC] | 50A/32VDC |
| Output fuse type | |

## PROPERTIES

| | |
|---|---|
| IP Protection | IP20 |
| Operation Temperature [deg C] | -5 to +40 |
| Ambient Max Temperature (with reduced capacity) [deg C] | 55 |
| Ambient storage and transport temperature [C] | -25 to +60/1000h |
| Maximum operating altitude [m] | 2000 |
| Maximum humidity, non-condensing [%rh] | 90 |
| Cooling | Fan |
| Cabinet Type | A50 |
| Certifications | CE |
| Cloud connection | No |
| User interface | LED |
| Charging Curve Set | 10-04,06,18 & 20-09 |
| I/O-cards | Basic option are integrated |
| Bluetooth/ NFC connectivity | No |
| Remote connectivity & advanced software functions | No |

## CHARGER DIMENSIONS

| | |
|---|---|
| Charger Weight excl. Cables [kg] | 2.9 |
| Charger dimensions [mm] | 333x150x103 |

## SHIPPING DIMENSIONS

| | |
|---|---|
| Box dimensions [mm] | 135x290x390 |
| Shipping Weight [kg] | 5.6 |

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

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