MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

# TECHNICAL DATA

# RC9 BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|---|---|
| Family | RC9 |
| DC Rating | 24V/30A |
| Part number | RD2271-C2 |
| Model code | 2A1F910 |
| Part status | Released |

## SUPPLY

| | |
|---|---|
| Number of phases | 1 |
| Rated Voltage range [V] | 100-240 |
| Nominal Voltage [V] | 120/230 |
| Rated frequency [Hz] | 50-60 |
| Current at nominal voltage [A] | 7,0/4,1 |
| Current at min rated voltage [A] | 8,4 |
| Current at max rated voltage [A] | 3,9 |
| Recommended supply fuse class | C |
| Recommended RCCB class | A |
| Supply cable area | - |
| Supply cable length [m] | - |
| Typical Supply Connector | IEC 60320 Type C16, IP67 |
| Standby Power Consumption [W] | <3 |
| Power Consumption [W] | 938 |
| Apparent Power Consumption [VA] | 957 |
| Power Factor | 0,98 |
| Leakage current [mA] | <1 |
| Efficiency (at rated power and no cables) [%] | 96 |

## OUTPUT DATA

| | |
|---|---|
| Reversed polarity protection | YES |
| Short Circuit Protection | Yes |
| Output Voltage [V] | 24 |
| Output Current [A] | 30 |
| Output cable cross-section | - |
| Output cable length [m] | - |
| Output cable terminals (in unit) | M6 & M8 |
| Typical Output connector | - |
| Output fuse, rating [A/VDC] | 60A/72VDC |
| Output fuse type | non-replaceable, medium acting |

## PROPERTIES

| | |
|---|---|
| Ingress protection | IP67 |
| Operation Temperature [deg C] | -35 to +40 |
| Ambient max temp (with reduced output power) [deg C] | +70 |
| Ambient storage and transport temperature [C] | -40 to +85/1000h |
| Maximum operating altitude [m] | 2000 |
| Maximum humidity, non-condensing [%] | 95 |
| Cooling | Convection |
| Cabinet Type | R2 |
| Certifications | CE/UL |
| Cloud connection | No |
| User interface | LED |
| Charging Curve Set | Multiple Lead/Lilon/CAN |
| I/O-cards | No |
| Reporting | No |
| Radio communication | No |

## CHARGER DIMENSIONS

| | |
|---|---|
| Weight excl. cables [kg] | 2 |
| Charger dimensions [mm] | 122x73x278 |

## SHIPPING DIMENSIONS

| | |
|---|---|
| Box dimensions [mm] | -x-x- |
| Shipping Weight [kg] | |

*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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