MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

# TECHNICAL DATA

# MICROPOWER RO66 LI 48V/115A BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|---|---|
| Family | RO66 |
| DC Rating | 48V/115A |
| Part number | M34455-T6 |
| Model code | 3ANR3N3 |
| Part status | |

## SUPPLY

| | |
|---|---|
| Number of phases | 3 |
| Rated Voltage range [V] | 380-480 |
| Nominal Voltage [V] | 400 |
| Rated frequency [Hz] | 50-60 |
| Current at nominal voltage [A] | 10.5 |
| Current at min rated voltage [A] | 11.1 |
| Current at max rated voltage [A] | 8.7 |
| Recommended supply fuse class | C |
| Recommended RCCB class | B |
| Supply cable area | 4xAWG14 |
| Supply cable length [m] | 2.5 |
| Typical Supply Connector | Fixed NEMA L16-20P |
| Standby Power Consumption [W] | <10 |
| Power Consumption [W] | 6875 |
| Apparent Power Consumption [VA] | 7237 |
| Power Factor | 0.95 |
| Leakage current [mA] | <3.5 |
| Efficiency (at rated power and no cables) [%] | 96 |

## OUTPUT DATA

| | |
|---|---|
| Reversed polarity protection | Fuse |
| Short Circuit Protection | Yes |
| Output Voltage [V] | 48 |
| Output Current [A] | 115 |
| Output cable cross-section | AWG2 |
| Output cable length [m] | 3 |
| Output cable terminals (in unit) | M6 |
| Typical Output connector | |
| Output fuse, rating [A/VDC] | 160A/150VDC |
| Output fuse type | Fast Semiconductor fuse |

## PROPERTIES

| | |
|---|---|
| Ingress protection | IP66 |
| Operation Temperature [deg C] | -35 to +40 |
| Ambient max temp (with reduced output power) [deg C] | 55 |
| Ambient storage and transport temperature [C] | -40 to +85 |
| Maximum operating altitude [m] | 2000 |
| Maximum humidity, non-condensing [%] | 90 |
| Cooling | Convection |
| Cabinet Type | - |
| Certifications | UL |
| Cloud connection | No |
| User interface | LED |
| Charging Curve Set | 10-04,06,18 & 20-09 |
| I/O-cards | Basic option are integrated |
| Reporting | No |
| Radio communication | No |

## CHARGER DIMENSIONS

| | |
|---|---|
| Weight excl. cables [kg] | 6 |
| Charger dimensions [mm] | 403x255x86 |

## SHIPPING DIMENSIONS

| | |
|---|---|
| Box dimensions [mm] | 190x320x610 |
| Shipping Weight [kg] | 9.2 |

*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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