MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

# TECHNICAL DATA

# ECOPOINT 48V/160A BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|---|---|
| Part number | 48V/160A-3 |
| Model | Ecopoint |
| Type | 48V/160A |
| **MAINS DATA (50/60HZ)** | |
| Output Voltage [V] | 48 |
| Output Current [A] | 160 |
| Number of phases | 3 |
| Rated Voltage range [V] | 960-1079 |
| Current at nominal voltage [A] | 31.3/27.2/13.6/10.8 |
| Recommended supply fuse [A] | |
| Supply cable area | |
| Supply cable length [m] | |
| Typical Supply Connector | |
| Output cable cross-section | |
| **BATTERY CONNECTION** | |
| Output cable cross-section | |
| Output cable terminals (in unit) | |
| Output cable length [m] | |
| Typical Output connector | |
| Output Voltage [V] | 48 |
| **ELECTRIC DATA** | |
| Standby Power Consumption [W] | |
| Power Consumption [W] | |
| Apparent Power Consumption [VA] | |

| | |
|---|---|
| Power Factor | |
| Inrush current, do not tripp fuse of class [A] | |
| Output Ripple | |
| Efficiency (at rated power and no cables) [%] | |

## PROPERTIES

| | |
|---|---|
| Ingress protection | |
| Ambient temperature range (at full output power) [deg C] | |
| Ambient max temp (with reduced output power) [deg C] | |
| Cooling | |
| Short Circuit Protection | |
| Wrong Polarity Protection | |
| Cabinet Type | |
| Certifications | |
| HMI | |
| HMI Language | |
| Reporting | No |
| Radio Communication | No |
| Charging Curve Set | |
| I/O-cards | |
| CE | No |
| UL | No |

## CHARGING TIMES

| | |
|---|---|
| 6 Hours cap.ah/5h | |
| 8 Hours cap.ah/5h | |
| 10 Hours cap.ah/5h | |
| 12 Hours cap.ah/5h | |

## CHARGER DIMENSIONS

| | |
|---|---|
| Weight excl. cables [kg] | |
| Weight incl. cables [kg] | |
| Outer Dimensions Height [mm] | |

| | |
|---|---|
| Outer Dimensions Width [mm] | |
| Outer Dimensions Depth [mm] | |
| Min Spacing Required | |

## SHIPPING DIMENSIONS

| | |
|---|---|
| Shipping Weight [kg] | 128.82 |
| Box Height [mm] | |
| Box Width [mm] | |
| Box Depth [mm] | |

## CHARGING

| | |
|---|---|
| Charging Ionic | |
| Charging Standard | |
| Charging Gel | |
| Charging Li-Ion | |
| Charging AGM | |
| Moisture Resistance | No |
| Dusty Environment | No |
| Outdoor use | No |
| Cold store | No |
| Tropical | No |

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

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