MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

# TECHNICAL DATA

# ECOPOINT 48V/180V BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|---|---|
| Part number | 48V/180V-3 |
| Model | Ecopoint |
| Type | 48V/180V |

### MAINS DATA (50/60HZ)

| | |
|---|---|
| Output Voltage [V] | 48 |
| Output Current [A] | 180 |
| Mains Phase | 3 |
| Input Voltage [V] | 208/240/480/600 |
| Max Mains Current (at nominal mains V) [A] | 35.2/30.5/15.2/12.3 |
| Recommended Mains Fuse [A] | |
| Mains Cable Area [mm2] | |
| Mains Cable Length [m] | |
| Mains Connector | |
| Battery Cable [mm2] | |

### BATTERY CONNECTION

| | |
|---|---|
| Battery Cable [mm2] | |
| Battery Cable Connection (in charger) | |
| Battery Cable Length [m] | |
| Battery Connector (not included) | |
| Output Voltage [V] | 48 |

### ELECTRIC DATA

| | |
|---|---|
| Standby Power Consumption [W] | |
| Power Consumption [W] | |
| Apparent Power Consumption [VA] | |

| | |
|---|---|
| Power Factor | |
| Inrush Current [A] | |
| Output Ripple | |
| Efficiency (at rated power and no cables) [%] | |

## PROPERTIES

| | |
|---|---|
| IP Protection | |
| Operation Temperature [deg C] | |
| Ambient Max Temperature (with reduced capacity) [deg C] | |
| Cooling | |
| Short Circuit Protection | |
| Wrong Polarity Protection | |
| Cabinet Type | |
| Certifications | |
| HMI | |
| HMI Language | |
| Bluetooth/ NFC connectivity | No |
| Remote connectivity & advanced software functions | No |
| Charging Curve Set | |
| I/O-cards | |
| CE | No |
| UL | Yes |

## CHARGING TIMES

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

## CHARGER DIMENSIONS

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

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

## SHIPPING DIMENSIONS

| | |
|---|---|
| Shipping Weight [kg] | 133.81 |
| 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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