

## TECHNICAL DATA

# ACCESS 30 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

|             |           |
|-------------|-----------|
| Part number | AA4240    |
| Model       | ACCESS 30 |
| Type        | 48V/20A   |

#### MAINS DATA (50/60HZ)

|                                |            |
|--------------------------------|------------|
| Output Voltage [V]             | 48         |
| Output Current [A]             | 20         |
| Number of phases               | 1          |
| Rated Voltage range [V]        | 220-240    |
| Current at nominal voltage [A] | 5,5        |
| Recommended supply fuse [A]    | 10         |
| Supply cable area              | 3x1,0      |
| Supply cable length [m]        | 2,5        |
| Typical Supply Connector       | 10A Schuko |
| Output cable cross-section     | 2x10       |

#### BATTERY CONNECTION

|                                  |              |
|----------------------------------|--------------|
| Output cable cross-section       | 2x10         |
| Output cable terminals (in unit) | -            |
| Output cable length [m]          | 3            |
| Typical Output connector         | User defined |
| Output Voltage [V]               | 48           |

#### ELECTRIC DATA

|                                 |      |
|---------------------------------|------|
| Standby Power Consumption [W]   | <5   |
| Power Consumption [W]           | 1259 |
| Apparent Power Consumption [VA] | 1272 |

|  |      |
|--|------|
| Power Factor                                   | 0,99 |
| Inrush current, do not tripp fuse of class [A] | <30  |
| Output Ripple                                  | <1   |
| Efficiency (at rated power and no cables) [%]  | 92   |

## PROPERTIES

|  |                      |
|--|----------------------|
| Ingress protection                                       | IP54 (IP66 optional) |
| Ambient temperature range (at full output power) [deg C] | -5 to +40            |
| Ambient max temp (with reduced output power) [deg C]     | 50                   |
| Cooling  | Fan                  |
| Short Circuit Protection                                 | 1                    |
| Wrong Polarity Protection                                | Fuse                 |
| Cabinet Type   | A10                  |
| Certifications   | CE                   |
| HMI  | LED                  |
| HMI Language   | -                    |
| Reporting  | Yes                  |
| Radio Communication                                      | No                   |
| Charging Curve Set                                       | Multiple             |
| I/O-cards  | No                   |
| CE   | No                   |
| UL   | No                   |

## CHARGING TIMES

|                    |     |
|--------------------|-----|
| 6 Hours cap.ah/5h  | 115 |
| 8 Hours cap.ah/5h  | 166 |
| 10 Hours cap.ah/5h | 222 |
| 12 Hours cap.ah/5h | 275 |

## CHARGER DIMENSIONS

|                              |     |
|------------------------------|-----|
| Weight excl. cables [kg]     |     |
| Weight incl. cables [kg]     |     |
| Outer Dimensions Height [mm] | 349 |

|                             |     |
|-----------------------------|-----|
| Outer Dimensions Width [mm] | 235 |
| Outer Dimensions Depth [mm] | 79  |
| Min Spacing Required        | 100 |

## SHIPPING DIMENSIONS

|                      |     |
|----------------------|-----|
| Shipping Weight [kg] | 5   |
| Box Height [mm]      | 600 |
| Box Width [mm]       | 265 |
| Box Depth [mm]       | 165 |

## CHARGING

|                     |                        |
|---------------------|------------------------|
| Charging Ionic      | LK10-18 Ionic mixture  |
| Charging Standard   | LK10-06 Standard Curve |
| Charging Gel        | LK20-09                |
| Charging Li-Ion     | 0                      |
| Charging AGM        | LK20-09                |
| 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 E.D. Marketing AB.*