

TECHNICAL DATA

ACCESS 30 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|-------------|-----------|
| Part number | AC2420 |
| Model | ACCESS 30 |
| Type | 24V/100A |

MAINS DATA (50/60HZ)

| | |
|--------------------------------|------------|
| Output Voltage [V] | 24 |
| Output Current [A] | 100 |
| Number of phases | 1 |
| Rated Voltage range [V] | 220-240 |
| Current at nominal voltage [A] | 13,9 |
| Recommended supply fuse [A] | 16 |
| Supply cable area | 3x1,5 |
| Supply cable length [m] | 2,5 |
| Typical Supply Connector | 16A Schuko |
| Output cable cross-section | 2x25 |

BATTERY CONNECTION

| | |
|----------------------------------|--------------|
| Output cable cross-section | 2x25 |
| Output cable terminals (in unit) | - |
| Output cable length [m] | 3 |
| Typical Output connector | User defined |
| Output Voltage [V] | 24 |

ELECTRIC DATA

| | |
|---------------------------------|------|
| Standby Power Consumption [W] | <5 |
| Power Consumption [W] | 3151 |
| Apparent Power Consumption [VA] | 3182 |

| | |
|--|------|
| Power Factor | 0,99 |
| Inrush current, do not tripp fuse of class [A] | <30 |
| Output Ripple | <1 |
| Efficiency (at rated power and no cables) [%] | 93 |

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 | A12 |
| 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 | 574 |
| 8 Hours cap.ah/5h | 833 |
| 10 Hours cap.ah/5h | 1112 |
| 12 Hours cap.ah/5h | 1375 |

CHARGER DIMENSIONS

| | |
|------------------------------|-----|
| Weight excl. cables [kg] | |
| Weight incl. cables [kg] | |
| Outer Dimensions Height [mm] | 407 |

| | |
|-----------------------------|-----|
| Outer Dimensions Width [mm] | 235 |
| Outer Dimensions Depth [mm] | 78 |
| Min Spacing Required | 100 |

SHIPPING DIMENSIONS

| | |
|----------------------|-----|
| Shipping Weight [kg] | 9 |
| 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.