

## **TECHNICAL DATA**

## **ACCESS 100 BATTERY CHARGERS**

| STATED DATA ACCORDING TO MICROPOWER STANDARD |              |
|--|--------------|
| Part number                                  | UA6427       |
| Model  | ACCESS 100   |
| Туре   | 80V/100A     |
| MAINS DATA (50/60HZ)                         |              |
| Output Voltage [V]                           | 80           |
| Output Current [A]                           | 100          |
| Number of phases                             | 3            |
| Rated Voltage range [V]                      | 600-600      |
| Current at nominal voltage [A]               | 10,5         |
| Recommended supply fuse [A]                  | 16           |
| Supply cable area                            | 4xAWG14      |
| Supply cable length [m]                      | 3            |
| Typical Supply Connector                     | Not included |
| Output cable cross-section                   | 2xAWG2       |
| BATTERY CONNECTION                           |              |
| Output cable cross-section                   | 2xAWG2       |
| Output cable terminals (in unit)             | M8           |
| Output cable length [m]                      | 3            |
| Typical Output connector                     | User defined |
| Output Voltage [V]                           | 80           |
| ELECTRIC DATA                                |              |
| Standby Power Consumption [W]                | < 10         |
| Power Consumption [W]                        | 10376        |
| Apparent Power Consumption [VA]              | 10922        |

Printout date: 2025-07-19

| Inrush current, do not tripp fuse of class [A]  Output Ripple  Efficiency (at rated power and no cables) [%]  PROPERTIES | Negligible <1 93 IP20  |
|--|------------------------|
| Efficiency (at rated power and no cables) [%]  | 93<br>IP20             |
|  | IP20                   |
| PROPERTIES   |                        |
|  |                        |
| Ingress protection   | F. 40                  |
| 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   | A19                    |
| Certifications   | UL                     |
| НМІ  | LED / Display          |
| HMI Language   | SV / EN / ES / PT / DE |
| Reporting  | Yes                    |
| Radio Communication  | Yes                    |
| Charging Curve Set   | Multiple               |
| 1/0-cards  | Optional               |
| 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   | 1334                   |
| CHARGER DIMENSIONS   |                        |
| Weight excl. cables [kg]   |                        |
| Weight incl. cables [kg]   |                        |
| Outer Dimensions Height [mm]   | 571                    |

| Outer Dimensions Width [mm] | 270                    |
|-----------------------------|------------------------|
| Outer Dimensions Depth [mm] | 258                    |
| Min Spacing Required        | 300                    |
| SHIPPING DIMENSIONS         |                        |
| Shipping Weight [kg]        | 24                     |
| Box Height [mm]             | 440                    |
| Box Width [mm]              | 370                    |
| Box Depth [mm]              | 560                    |
| CHARGING                    |                        |
| Charging Ionic              | LK10-18 Ionic mixture  |
| Charging Standard           | LK10-06 Standard Curve |
| Charging Gel                | LK20-09                |
| Charging Li-lon             | 0                      |
| Charging AGM                | LK20-09                |
| Moisture Resistance         | No                     |
| Dusty Environment           | No                     |
| Outdoor use                 | No                     |
| Cold store                  | No                     |
|                             |                        |