

## TECHNICAL DATA

# SHARP 10 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

|             |          |
|-------------|----------|
| Part number | 924110   |
| Model       | SHARP 10 |
| Type        | 12V/7A   |

### MAINS DATA (50/60HZ)

|                                |            |
|--------------------------------|------------|
| Output Voltage [V]             | 12         |
| Output Current [A]             | 7          |
| Number of phases               | 1          |
| Rated Voltage range [V]        | 110-230    |
| Current at nominal voltage [A] | 0,6        |
| Recommended supply fuse [A]    | 10         |
| Supply cable area              | 3x0,75     |
| Supply cable length [m]        | 2          |
| Typical Supply Connector       | 16A Schuko |
| Output cable cross-section     | 2x1,5      |

### BATTERY CONNECTION

|                                  |              |
|----------------------------------|--------------|
| Output cable cross-section       | 2x1,5        |
| Output cable terminals (in unit) | -            |
| Output cable length [m]          | 1,5          |
| Typical Output connector         | User defined |
| Output Voltage [V]               | 12           |

### ELECTRIC DATA

|                                 |     |
|---------------------------------|-----|
| Standby Power Consumption [W]   | 1   |
| Power Consumption [W]           | 119 |
| Apparent Power Consumption [VA] | 132 |

|  |            |
|--|------------|
| Power Factor                                   | 0,9        |
| Inrush current, do not tripp fuse of class [A] | Negligible |
| Output Ripple                                  | <1         |
| Efficiency (at rated power and no cables) [%]  | 85         |

## PROPERTIES

|  |                 |
|--|-----------------|
| Ingress protection                                       | IP65            |
| Ambient temperature range (at full output power) [deg C] | -25 to +30      |
| Ambient max temp (with reduced output power) [deg C]     | 55              |
| Cooling  | Passive         |
| Short Circuit Protection                                 | 1               |
| Wrong Polarity Protection                                | Yes             |
| Cabinet Type   | P2              |
| Certifications   |                 |
| HMI  | LED             |
| HMI Language   | -               |
| Reporting  | No              |
| Radio Communication                                      | No              |
| Charging Curve Set                                       | Customer demand |
| I/O-cards  | No              |
| CE   | Yes             |
| UL   | No              |

## CHARGING TIMES

|                    |    |
|--------------------|----|
| 6 Hours cap.ah/5h  | 22 |
| 8 Hours cap.ah/5h  | 29 |
| 10 Hours cap.ah/5h | 38 |
| 12 Hours cap.ah/5h | 46 |

## CHARGER DIMENSIONS

|                              |     |
|------------------------------|-----|
| Weight excl. cables [kg]     |     |
| Weight incl. cables [kg]     |     |
| Outer Dimensions Height [mm] | 155 |

|                             |     |
|-----------------------------|-----|
| Outer Dimensions Width [mm] | 80  |
| Outer Dimensions Depth [mm] | 42  |
| Min Spacing Required        | 150 |

## SHIPPING DIMENSIONS

|                      |     |
|----------------------|-----|
| Shipping Weight [kg] | 1   |
| Box Height [mm]      | 193 |
| Box Width [mm]       | 99  |
| Box Depth [mm]       | 48  |

## CHARGING

|                     |                           |
|---------------------|---------------------------|
| Charging Ionic      | LK Sharp 10               |
| Charging Standard   | LK Sharp 10               |
| Charging Gel        | LK Sharp 10 (GEL and AGM) |
| Charging Li-Ion     | 0                         |
| Charging AGM        | LK Sharp 10 (GEL and 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 E.D. Marketing AB.*