

TECHNICAL DATA

SHARP 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|-------------|-----------|
| Part number | SS999991 |
| Model | SHARP 100 |
| Type | 24V/170A |

MAINS DATA (50/60HZ)

| | |
|--------------------------------|--------------|
| Output Voltage [V] | 24 |
| Output Current [A] | 170 |
| Number of phases | 3 |
| Rated Voltage range [V] | 480-480 |
| Current at nominal voltage [A] | 7 |
| Recommended supply fuse [A] | 10 |
| Supply cable area | 4xAWG14 |
| Supply cable length [m] | 3 |
| Typical Supply Connector | Not included |
| Output cable cross-section | 2xAWG1/0 |

BATTERY CONNECTION

| | |
|----------------------------------|--------------|
| Output cable cross-section | 2xAWG1/0 |
| Output cable terminals (in unit) | M8 |
| Output cable length [m] | 3 |
| Typical Output connector | User defined |
| Output Voltage [V] | 24 |

ELECTRIC DATA

| | |
|---------------------------------|------|
| Standby Power Consumption [W] | <10 |
| Power Consumption [W] | 5507 |
| Apparent Power Consumption [VA] | 5797 |

| | |
|--|------------|
| Power Factor | 0,95 |
| Inrush current, do not tripp fuse of class [A] | Negligible |
| Output Ripple | <1 |
| Efficiency (at rated power and no cables) [%] | 91 |

PROPERTIES

| | |
|--|---------------------|
| Ingress protection | IP20 |
| 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 | S18 |
| Certifications | |
| HMI | LED |
| HMI Language | - |
| Reporting | No |
| Radio Communication | No |
| Charging Curve Set | 10-04,06,18 & 20-09 |
| I/O-cards | No |
| CE | No |
| UL | Yes |

CHARGING TIMES

| | |
|--------------------|------|
| 6 Hours cap.ah/5h | 976 |
| 8 Hours cap.ah/5h | 1415 |
| 10 Hours cap.ah/5h | 1888 |
| 12 Hours cap.ah/5h | 2266 |

CHARGER DIMENSIONS

| | |
|------------------------------|-----|
| Weight excl. cables [kg] | |
| Weight incl. cables [kg] | |
| Outer Dimensions Height [mm] | 529 |

| | |
|-----------------------------|-----|
| Outer Dimensions Width [mm] | 256 |
| Outer Dimensions Depth [mm] | 243 |
| Min Spacing Required | 300 |

SHIPPING DIMENSIONS

| | |
|----------------------|-----|
| Shipping Weight [kg] | 22 |
| Box Height [mm] | 440 |
| Box Width [mm] | 370 |
| Box Depth [mm] | 650 |

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 |

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