

TECHNICAL DATA

SHARP 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| Part number | \$\$999996 |
|----------------------------------|--------------|
| Model | SHARP 100 |
| Туре | 48V/165A |
| MAINS DATA (50/60HZ) | |
| Output Voltage [V] | 48 |
| Output Current [A] | 165 |
| Number of phases | 3 |
| Rated Voltage range [V] | 480-480 |
| Current at nominal voltage [A] | 13,1 |
| Recommended supply fuse [A] | 16 |
| 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] | 48 |
| ELECTRIC DATA | |
| Standby Power Consumption [W] | <10 |
| Power Consumption [W] | 10336 |
| Apparent Power Consumption [VA] | 10880 |

| Power Factor | 0,95 |
|--|---------------------|
| Inrush current, do not tripp fuse of class [A] | Negligible |
| Output Ripple | <1 |
| Efficiency (at rated power and no cables) [%] | 93 |
| 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 | S19 |
| Certifications | |
| НМІ | 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 | 947 |
| 8 Hours cap.ah/5h | 1213 |
| 10 Hours cap.ah/5h | 1834 |
| 12 Hours cap.ah/5h | 1943 |
| 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] | 25 |
| 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 Standard Charging Gel | LK10-06 Standard Curve LK20-09 |
| | |
| Charging Gel | LK20-09 |
| Charging Gel Charging Li-Ion | LK20-09 0 |
| Charging Gel Charging Li-Ion Charging AGM | LK20-09 0 LK20-09 |
| Charging Gel Charging Li-Ion Charging AGM Moisture Resistance | LK20-09 0 LK20-09 No |
| Charging Gel Charging Li-Ion Charging AGM Moisture Resistance Dusty Environment | LK20-09 0 LK20-09 No No |

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