

TECHNICAL DATA

MICROPOWER SC8 LI-CAN 24V/30A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|-------------|-----------------------|
| Part number | V92270 |
| Model | Micropower SC8-LI-CAN |
| Type | 24V/30A |

MAINS DATA (50/60HZ)

| | |
|--------------------------------|-----------------------|
| Output Voltage [V] | 24 |
| Output Current [A] | 30 |
| Number of phases | 1 |
| Rated Voltage range [V] | 220-240 |
| Current at nominal voltage [A] | 4.3 |
| Recommended supply fuse [A] | 10 |
| Supply cable area | 3x1,0 mm ² |
| Supply cable length [m] | 2,3 |
| Typical Supply Connector | IEC C14/CEE17 |
| Output cable cross-section | 6 mm ² |

BATTERY CONNECTION

| | |
|----------------------------------|-------------------|
| Output cable cross-section | 6 mm ² |
| Output cable terminals (in unit) | - |
| Output cable length [m] | 3 |
| Typical Output connector | DIN80 |
| Output Voltage [V] | 24 |

ELECTRIC DATA

| | |
|---------------------------------|-----|
| Standby Power Consumption [W] | <5 |
| Power Consumption [W] | 969 |
| Apparent Power Consumption [VA] | 989 |

| | |
|--|------|
| Power Factor | 0.98 |
| Inrush current, do not tripp fuse of class [A] | B |
| Output Ripple | <5 |
| 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] | 55 |
| Cooling | Convection |
| Short Circuit Protection | Yes |
| Wrong Polarity Protection | Fuse |
| Cabinet Type | A50 |
| Certifications | CE |
| HMI | LED |
| HMI Language | - |
| Reporting | Yes |
| Radio Communication | No |
| Charging Curve Set | BMS control |
| I/O-cards | No |
| CE | Yes |
| UL | No |

CHARGING TIMES

| | |
|--------------------|-----|
| 6 Hours cap.ah/5h | 170 |
| 8 Hours cap.ah/5h | 250 |
| 10 Hours cap.ah/5h | 335 |
| 12 Hours cap.ah/5h | |

CHARGER DIMENSIONS

| | |
|------------------------------|-----|
| Weight excl. cables [kg] | 3 |
| Weight incl. cables [kg] | 4 |
| Outer Dimensions Height [mm] | 333 |

| | |
|-----------------------------|----------------|
| Outer Dimensions Width [mm] | 150 |
| Outer Dimensions Depth [mm] | 103 |
| Min Spacing Required | Se User Manual |

SHIPPING DIMENSIONS

| | |
|----------------------|-----|
| Shipping Weight [kg] | 4 |
| Box Height [mm] | 135 |
| Box Width [mm] | 290 |
| Box Depth [mm] | 390 |

CHARGING

| | |
|---------------------|-----------------------|
| Charging Ionic | - |
| Charging Standard | - |
| Charging Gel | - |
| Charging Li-Ion | CAN bus, external BMS |
| Charging AGM | - |
| Moisture Resistance | No |
| Dusty Environment | No |
| Outdoor use | No |
| Cold store | No |
| Tropical | No |

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