

TECHNICAL DATA

MICROPOWER SX14 LI 24V/50A UR BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|-------------|-----------------|
| Family | Micropower SX14 |
| DC Rating | 24V/50A |
| Part number | WJ2321-A2 |
| Model code | 3AGD616 |
| Part status | Released |

SUPPLY

| | |
|---|------------------|
| Number of phases | 1 |
| Rated Voltage range [V] | 120-240 |
| Nominal Voltage [V] | 230 |
| Rated frequency [Hz] | 50-60 |
| Current at nominal voltage [A] | 7.2 |
| Current at min rated voltage [A] | 12.0 |
| Current at max rated voltage [A] | 6.9 |
| Recommended supply fuse class | C |
| Recommended RCCB class | A |
| Supply cable area | 3xAWG14 |
| Supply cable length [m] | 2.0 |
| Typical Supply Connector | Fixed NEMA 6-20P |
| Standby Power Consumption [W] | <5 |
| Power Consumption [W] | 1612,637363 |
| Apparent Power Consumption [VA] | 1645,548329 |
| Power Factor | 0.98 |
| Leakage current [mA] | <3.5 |
| Efficiency (at rated power and no cables) [%] | 91 |

OUTPUT DATA

| | |
|----------------------------------|-------------------------|
| Reversed polarity protection | Fuse |
| Short Circuit Protection | Yes |
| Output Voltage [V] | 24 |
| Output Current [A] | 50 |
| Output cable cross-section | AWG2 |
| Output cable length [m] | 3 |
| Output cable terminals (in unit) | M6 |
| Typical Output connector | DIN80 |
| Output fuse, rating [A/VDC] | 160A/150VDC |
| Output fuse type | Fast Semiconductor fuse |

PROPERTIES

| | |
|--|-----------------------------|
| Ingress protection | IP21 |
| Ambient temperature range (at full output power) [deg C] | -5 to +40 |
| Ambient max temp (with reduced output power) [deg C] | 55 |
| Ambient storage and transport temperature [C] | -25 to +60/1000h |
| Maximum operating altitude [m] | 2000 |
| Maximum humidity, non-condensing [%rh] | 90 |
| Cooling | Convection |
| Cabinet Type | A51 |
| Certifications | UR |
| Cloud connection | Yes |
| User interface | LED/Display |
| Charging Curve Set | Litium CAN |
| I/O-cards | Basic option are integrated |
| Reporting | Yes |
| Radio communication | Yes |

CHARGER DIMENSIONS

| | |
|--------------------------|-------------|
| Weight excl. cables [kg] | 6 |
| Charger dimensions [mm] | 455x220x103 |

SHIPPING DIMENSIONS

| | |
|----------------------|-------------|
| Box dimensions [mm] | 165x265x595 |
| Shipping Weight [kg] | 9.4 |

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