

TECHNICAL DATA

LION 30 24V/100A BATTERY CHARGERS

| STATED DATA ACCORDING TO MICROPOWER STANDARD | | |
|-----------------------------------------------|-----------|--|
| Family | LION 30 | |
| DC Rating | 24V/100A | |
| Part number | LJ2420 | |
| Model code | 3AC4601 | |
| Part status | Released | |
| SUPPLY | | |
| Number of phases | 1 | |
| Rated Voltage range [V] | 220-240 | |
| Nominal Voltage [V] | 230 | |
| Rated frequency [Hz] | 50-60 | |
| Current at nominal voltage [A] | 13,8 | |
| Current at min rated voltage [A] | 14,5 | |
| Current at max rated voltage [A] | 13,3 | |
| Recommended supply fuse class | C | |
| Recommended RCCB class | A | |
| Supply cable area | 3x1,5 mm2 | |
| Supply cable length [m] | 2,5 | |
| Typical Supply Connector | CEE17 | |
| Standby Power Consumption [W] | <5 | |
| Power Consumption [W] | 3151 | |
| Apparent Power Consumption [VA] | 3182 | |
| Power Factor | 0,99 | |
| Leakage current [mA] | <3,5 | |
| Efficiency (at rated power and no cables) [%] | 93 | |

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| OUTPUT DATA | |
|----------------------------------------------------------|-------------------------|
| Reversed polarity protection | Fuse |
| Short Circuit Protection | Yes |
| Output Voltage [V] | 24 |
| Output Current [A] | 100 |
| Output cable cross-section | 35 mm2 |
| Output cable length [m] | 3 |
| Output cable terminals (in unit) | M6 |
| Typical Output connector | DIN160 |
| Output fuse, rating [A/VDC] | 150A/150VDC |
| Output fuse type | Fast Semiconductor fuse |
| 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 |
| Ambient storage and transport temperature [C] | -40 to +80/1000h |
| Maximum operating altitude [m] | 2000 |
| Maximum humidity, non-condensing [%rh] | 90 |
| Cooling | Convection |
| Cabinet Type | A28 |
| Certifications | CE |
| Cloud connection | Yes |
| User interface | LED/Display |
| Charging Curve Set | Litium Alg or CAN |
| 1/O-cards | CAN/Detect |
| Reporting | Yes |
| Radio communication | Yes |
| CHARGER DIMENSIONS | |
| | |
| Weight excl. cables [kg] | 5 |

SHIPPING DIMENSIONS Box dimensions [mm] 185x320x610 Shipping Weight [kg] 10