

TECHNICAL DATA

LION 30 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|-------------|---------|
| Part number | LB4300 |
| Model | LION 30 |
| Type | 48V/40A |

MAINS DATA (50/60HZ)

| | |
|--------------------------------|------------|
| Output Voltage [V] | 48 |
| Output Current [A] | 40 |
| Number of phases | |
| Rated Voltage range [V] | 220-240 |
| Current at nominal voltage [A] | 10 |
| Recommended supply fuse [A] | 10 |
| Supply cable area | 3x1,5 |
| Supply cable length [m] | 2,5 |
| Typical Supply Connector | 16A Schuko |
| Output cable cross-section | 2x10 |

BATTERY CONNECTION

| | |
|----------------------------------|--------------|
| Output cable cross-section | 2x10 |
| Output cable terminals (in unit) | - |
| Output cable length [m] | 3 |
| Typical Output connector | User defined |
| Output Voltage [V] | 48 |

ELECTRIC DATA

| | |
|---------------------------------|------|
| Standby Power Consumption [W] | <5 |
| Power Consumption [W] | 2300 |
| Apparent Power Consumption [VA] | 2349 |

| | |
|--|------|
| Power Factor | 0,99 |
| Inrush current, do not tripp fuse of class [A] | <30 |
| Output Ripple | <1 |
| Efficiency (at rated power and no cables) [%] | 92 |

PROPERTIES

| | |
|--|----------------------|
| Ingress protection | IP54 (IP66 optional) |
| 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 | A11 |
| Certifications | |
| HMI | LED |
| HMI Language | - |
| Reporting | Yes |
| Radio Communication | No |
| Charging Curve Set | N/A |
| I/O-cards | No |
| CE | Yes |
| UL | No |

CHARGING TIMES

6 Hours cap.ah/5h

8 Hours cap.ah/5h

10 Hours cap.ah/5h

12 Hours cap.ah/5h

CHARGER DIMENSIONS

Weight excl. cables [kg]

Weight incl. cables [kg]

Outer Dimensions Height [mm] 408

| | |
|-----------------------------|-----|
| Outer Dimensions Width [mm] | 235 |
| Outer Dimensions Depth [mm] | 78 |
| Min Spacing Required | 100 |

SHIPPING DIMENSIONS

| | |
|----------------------|-----|
| Shipping Weight [kg] | 8 |
| Box Height [mm] | 600 |
| Box Width [mm] | 265 |
| Box Depth [mm] | 165 |

CHARGING

| | |
|---------------------|----|
| Charging Ionic | 0 |
| Charging Standard | 0 |
| Charging Gel | 0 |
| Charging Li-Ion | 0 |
| Charging AGM | 0 |
| Moisture Resistance | No |
| Dusty Environment | No |
| Outdoor use | No |
| Cold store | No |
| Tropical | No |

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