

## TECHNICAL DATA

# LION 30 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LB2380
Model	LION 30
Type	24V/80A
<b>MAINS DATA (50/60HZ)</b>	
Output Voltage [V]	24
Output Current [A]	80
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	2x25
<b>BATTERY CONNECTION</b>	
Output cable cross-section	2x25
Output cable terminals (in unit)	-
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	24
<b>ELECTRIC DATA</b>	
Standby Power Consumption [W]	<5
Power Consumption [W]	2300
Apparent Power Consumption [VA]	2300

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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