

TECHNICAL DATA

LION 30 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LA2300
Model	LION 30
Type	24V/40A

MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	40
Number of phases	
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	5,6
Recommended supply fuse [A]	10
Supply cable area	3x1,0
Supply cable length [m]	2,5
Typical Supply Connector	10A 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]	24

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	1281
Apparent Power Consumption [VA]	1294

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	A10
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] 349

Outer Dimensions Width [mm]	325
Outer Dimensions Depth [mm]	79
Min Spacing Required	100

SHIPPING DIMENSIONS

Shipping Weight [kg]	5
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

The information in this document is subject to change without notice and should not be construed as a commitment by Micropower E.D. Marketing AB.