

TECHNICAL DATA

LION 30 48V/40A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LH4300
Model	LION 30
Type	48V/40A

MAINS DATA (50/60HZ)

Output Voltage [V]	48
Output Current [A]	40
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	10.0
Recommended supply fuse [A]	10
Supply cable area	3x1,5 mm ²
Supply cable length [m]	2,5
Typical Supply Connector	16A Schuko
Output cable cross-section	10 mm ²

BATTERY CONNECTION

Output cable cross-section	10 mm ²
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	DIN80
Output Voltage [V]	48

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	2274
Apparent Power Consumption [VA]	2297

Power Factor	0.99
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	92

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
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Fuse
Cabinet Type	A28
Certifications	CE
HMI	LED/Display
HMI Language	SV / EN / ES / PT / DE
Reporting	Yes
Radio Communication	No
Charging Curve Set	Multiple
I/O-cards	CAN I/O Included
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]	6
Weight incl. cables [kg]	7
Outer Dimensions Height [mm]	456

Outer Dimensions Width [mm]	255
Outer Dimensions Depth [mm]	84
Min Spacing Required	Se User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	8
Box Height [mm]	185
Box Width [mm]	320
Box Depth [mm]	610

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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