

## TECHNICAL DATA

# LION 100 48V/130A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LS4481
Model	LION 100
Type	48V/130A

#### MAINS DATA (50/60HZ)

Output Voltage [V]	48
Output Current [A]	130
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	12.4
Recommended supply fuse [A]	16
Supply cable area	4x2,5 mm <sup>2</sup>
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	50 mm <sup>2</sup>

#### BATTERY CONNECTION

Output cable cross-section	50 mm <sup>2</sup>
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN160
Output Voltage [V]	48

#### ELECTRIC DATA

Standby Power Consumption [W]	< 10
Power Consumption [W]	8124
Apparent Power Consumption [VA]	8552

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	93

## 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	A18
Certifications	CE
HMI	LED / Display
HMI Language	SV / EN / ES / PT / DE
Reporting	Yes
Radio Communication	No
Charging Curve Set	N/A
I/O-cards	Yes
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]	16
Weight incl. cables [kg]	21
Outer Dimensions Height [mm]	529

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	244
Min Spacing Required	Se User Manual

## SHIPPING DIMENSIONS

Shipping Weight [kg]	23
Box Height [mm]	650
Box Width [mm]	370
Box Depth [mm]	440

## 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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