

TECHNICAL DATA

LION 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LS3524
Model	LION 100
Type	36V/150A

MAINS DATA (50/60HZ)

Output Voltage [V]	36
Output Current [A]	150
Number of phases	3
Rated Voltage range [V]	440-440
Current at nominal voltage [A]	9,3
Recommended supply fuse [A]	10
Supply cable area	4x1,5
Supply cable length [m]	3
Typical Supply Connector	CEE16 (Red)
Output cable cross-section	2x50

BATTERY CONNECTION

Output cable cross-section	2x50
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	36

ELECTRIC DATA

Standby Power Consumption [W]	< 10
Power Consumption [W]	6734
Apparent Power Consumption [VA]	7088

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	<1
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	Fan
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	A18
Certifications	
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]

Weight incl. cables [kg]

Outer Dimensions Height [mm] 529

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	243
Min Spacing Required	300

SHIPPING DIMENSIONS

Shipping Weight [kg]	21
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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