

## TECHNICAL DATA

# LION 11 24V/40A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	L12300
Model	Lion 11
Type	24V/40A

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

Output Voltage [V]	24
Output Current [A]	40
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	5,5
Recommended supply fuse [A]	10
Supply cable area	3x1,0 mm <sup>2</sup>
Supply cable length [m]	2,3
Typical Supply Connector	10A Schuko
Output cable cross-section	10 mm <sup>2</sup>

#### BATTERY CONNECTION

Output cable cross-section	10 mm <sup>2</sup>
Output cable terminals (in unit)	M5
Output cable length [m]	2
Typical Output connector	User defined
Output Voltage [V]	24

#### ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	1307
Apparent Power Consumption [VA]	1320

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]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	55
Cooling	Convection
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	S40
Certifications	CE
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	N/A
I/O-cards	Optional
CE	Yes
UL	No

## CHARGING TIMES

6 Hours cap.ah/5h	235
8 Hours cap.ah/5h	340
10 Hours cap.ah/5h	445
12 Hours cap.ah/5h	550

## CHARGER DIMENSIONS

Weight excl. cables [kg]	3.2
Weight incl. cables [kg]	3.9
Outer Dimensions Height [mm]	262

Outer Dimensions Width [mm]	230
Outer Dimensions Depth [mm]	80
Min Spacing Required	See User Manual

## SHIPPING DIMENSIONS

Shipping Weight [kg]	4.5
Box Height [mm]	135
Box Width [mm]	380
Box Depth [mm]	250

## CHARGING

Charging Ionic	
Charging Standard	
Charging Gel	
Charging Li-Ion	CAN bus, external BMS
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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