

## TECHNICAL DATA

# LION 100 48V/60A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LR4341
Model	LION 100
Type	48V/60A

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

Output Voltage [V]	48
Output Current [A]	60
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	5.7
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm <sup>2</sup>
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	16 mm <sup>2</sup>

#### BATTERY CONNECTION

Output cable cross-section	16 mm <sup>2</sup>
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN80
Output Voltage [V]	48

#### ELECTRIC DATA

Standby Power Consumption [W]	< 10
Power Consumption [W]	3755
Apparent Power Consumption [VA]	3952

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	A17
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]	14
Weight incl. cables [kg]	16
Outer Dimensions Height [mm]	417

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	243
Min Spacing Required	Se User Manual

## SHIPPING DIMENSIONS

Shipping Weight [kg]	19
Box Height [mm]	465
Box Width [mm]	365
Box Depth [mm]	525

## 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.