



## TECHNICAL DATA

# LION 200 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LU3803
Model	LION 200
Type	36V/340A
<b>MAINS DATA (50/60HZ)</b>	
Output Voltage [V]	36
Output Current [A]	340
Number of phases	3
Rated Voltage range [V]	200-240
Current at nominal voltage [A]	45,2
Recommended supply fuse [A]	50
Supply cable area	4x10
Supply cable length [m]	3
Typical Supply Connector	Not included
Output cable cross-section	2xAWG4/0(High temp)
<b>BATTERY CONNECTION</b>	
Output cable cross-section	2xAWG4/0(High temp)
Output cable terminals (in unit)	M10
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	36
<b>ELECTRIC DATA</b>	
Standby Power Consumption [W]	<15
Power Consumption [W]	15461
Apparent Power Consumption [VA]	16274

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	91

## 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	A22
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] 659

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	459
Min Spacing Required	300

## SHIPPING DIMENSIONS

Shipping Weight [kg]	48
Box Height [mm]	820
Box Width [mm]	360
Box Depth [mm]	560

## 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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