MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

LION 200 36V/340A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LU3803
Model	LION 200
Type	36V/340A
MAINS DATA (50/60HZ)	
Output Voltage [V]	36
Output Current [A]	340
Mains Phase	3
Input Voltage [V]	200-240
Max Mains Current (at nominal mains V) [A]	45,2
Recommended Mains Fuse [A]	50
Mains Cable Area [mm2]	4x10
Mains Cable Length [m]	3
Mains Connector	Not included
Battery Cable [mm2]	2xAWG4/0(High temp)
BATTERY CONNECTION	
Battery Cable [mm2]	2xAWG4/0(High temp)
Battery Cable Connection (in charger)	M10
Battery Cable Length [m]	3
Battery Connector (not included)	User defined
Output Voltage [V]	36
ELECTRIC DATA	
Standby Power Consumption [W]	<15
Power Consumption [W]	15461
Apparent Power Consumption [VA]	16274

Power Factor	0,95
Inrush Current [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	91

PROPERTIES

IP Protection	IP20
Operation Temperature [deg C]	-5 to +40
Ambient Max Temperature (with reduced capacity) [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
Bluetooth/ NFC connectivity	Yes
Remote connectivity & advanced software functions	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

Charger Weight excl. Cables [kg]	
Charger 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

The information in this document is subject to change without notice and should not be construed as a commitment by Micropower Group AB.

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