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
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)
BATTERY CONNECTION	
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
ELECTRIC DATA	
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

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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