MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

LION 200 36V/300A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LU3761
Model	LION 200
Type	36V/300A
MAINS DATA (50/60HZ)	
Output Voltage [V]	36
Output Current [A]	300
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	21.7
Recommended supply fuse [A]	25
Supply cable area	4x4 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE32
Output cable cross-section	4/0 AWG
BATTERY CONNECTION	
Output cable cross-section	4/0 AWG
Output cable terminals (in unit)	M10
Output cable length [m]	3
Typical Output connector	DIN320
Output Voltage [V]	36
ELECTRIC DATA	
Standby Power Consumption [W]	<15
Power Consumption [W]	14283
Apparent Power Consumption [VA]	15034

Power Factor	0.95
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
Operation Temperature [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	A22
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]	35
Weight incl. cables [kg]	44
Outer Dimensions Height [mm]	659

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	459
Min Spacing Required	Se User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	47
Box Height [mm]	435
Box Width [mm]	370
Box Depth [mm]	690

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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