

## TECHNICAL DATA

# LION 200 24V/400A BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	LION 200
DC Rating	24V/400A
Part number	LU2861
Model code	1AA8503
Part status	Released

### SUPPLY

Number of phases	3
Rated Voltage range [V]	380-415
Nominal Voltage [V]	400
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	19.7
Current at min rated voltage [A]	20.7
Current at max rated voltage [A]	18.9
Recommended supply fuse class	C
Recommended RCCB class	A
Supply cable area	4x4 mm <sup>2</sup>
Supply cable length [m]	3
Typical Supply Connector	CEE32
Standby Power Consumption [W]	<15
Power Consumption [W]	12923
Apparent Power Consumption [VA]	13603
Power Factor	0.95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	91

## OUTPUT DATA

Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	24
Output Current [A]	400
Output cable cross-section	250 KCMIL
Output cable length [m]	3
Output cable terminals (in unit)	M10
Typical Output connector	DIN640
Output fuse, rating [A/VDC]	2x250A/150VDC
Output fuse type	Fast Semiconductor fuse

## 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
Ambient storage and transport temperature [C]	-40 to +80/1000h
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%rh]	90
Cooling	Convection
Cabinet Type	A22
Certifications	CE
Cloud connection	Yes
User interface	LED / Display
Charging Curve Set	Litium Alg or CAN
I/O-cards	CAN/Detect
Reporting	Yes
Radio communication	Yes

## CHARGER DIMENSIONS

Weight excl. cables [kg]	35
Charger dimensions [mm]	659x256x459

## SHIPPING DIMENSIONS

Box dimensions [mm]

435x370x690

Shipping Weight [kg]

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