

## **TECHNICAL DATA**

## LION 100 36V/220A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD	
Family	LION 100
DC Rating	36V/220A
Part number	LT3666
Model code	1AA7801
Part status	Released
SUPPLY	
Number of phases	3
Rated Voltage range [V]	480
Nominal Voltage [V]	480
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	13,3
Current at min rated voltage [A]	13,3
Current at max rated voltage [A]	13,3
Recommended supply fuse class	C
Recommended RCCB class	В
Supply cable area	4xAWG12
Supply cable length [m]	?2,5
Typical Supply Connector	L16-20P
Standby Power Consumption [W]	<10
Power Consumption [W]	10494
Apparent Power Consumption [VA]	11046
Power Factor	0,95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	92

Printout date: 2025-11-01

OUTPUT DATA	
Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	36
Output Current [A]	220
Output cable cross-section	2/0 AWG
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	DIN320
Output fuse, rating [A/VDC]	300A/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	A19
Certifications	UL
Cloud connection	Yes
User interface	LED/Display
Charging Curve Set	Litium Alg or CAN
1/O-cards	CAN/Detect
Reporting	Yes
Radio communication	Yes
CHARGER DIMENSIONS	
	18
Weight excl. cables [kg]	10

## SHIPPING DIMENSIONS Box dimensions [mm] 535x315x850 Shipping Weight [kg] 28