

TECHNICAL DATA

LION 100 36V/150A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD		
Family	LION 100	
DC Rating	36V/150A	
Part number	LR3521	
Model code	1AA7506	
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]	10,9	
Current at min rated voltage [A]	11,4	
Current at max rated voltage [A]	10,5	
Recommended supply fuse class	C	
Recommended RCCB class	В	
Supply cable area	4x2,5 mm2	
Supply cable length [m]	?2,5	
Typical Supply Connector	CEE16	
Standby Power Consumption [W]	<10	
Power Consumption [W]	7141	
Apparent Power Consumption [VA]	7517	
Power Factor	0,95	
Leakage current [mA]	<3,5	
Efficiency (at rated power and no cables) [%]	92	

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OUTPUT DATA	
Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	36
Output Current [A]	150
Output cable cross-section	50 mm2
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	DIN160
Output fuse, rating [A/VDC]	200A/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	A17
Certifications	CE
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	
Weight excl. cables [kg]	14

SHIPPING DIMENSIONS

Box dimensions [mm]	465x365x525
Shipping Weight [kg]	21