

TECHNICAL DATA

LION 30 24V/40A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

DC Rating24V/40APart numberL62300Model code3AC4401Part statusReleasedSUPPLYNumber of phasesNumber of phases1Rated Voltage range [V]220-240Nominal Voltage [V]230Rated frequency [Hz]50-60Current at nominal voltage [A]5.8Current at nominal voltage [A]5.9Current at min rated voltage [A]5.4Recommended supply fuse classCRecommended RCCB classASupply cable area3x1.0 mm2Supply cable area3x1.0 mm2Supply Connector10A SchukoStandby Power Consumption [W]-5Power Consumption [W]1280Power Consumption [VA]1293Power Factor0.39	Family	LION 30
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Supply cable area3x1,0 mm2Supply cable length [m]2,5Typical Supply Connector10A SchukoStandby Power Consumption [W]<5	Recommended supply fuse class	С
Supply cable length [m]2,5Typical Supply Connector10A SchukoStandby Power Consumption [W]<5	Recommended RCCB class	A
Typical Supply Connector10A SchukoStandby Power Consumption [W]<5	Supply cable area	3x1,0 mm2
Standby Power Consumption [W]<5Power Consumption [W]1280Apparent Power Consumption [VA]1293	Supply cable length [m]	2,5
Power Consumption [W] 1280 Apparent Power Consumption [VA] 1293	Typical Supply Connector	10A Schuko
Apparent Power Consumption [VA] 1293	Standby Power Consumption [W]	<5
	Power Consumption [W]	1280
Power Factor 0.99	Apparent Power Consumption [VA]	1293
	Power Factor	0.99
Leakage current [mA] <3,5	Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%] 92	Efficiency (at rated power and no cables) [%]	92

OUTPUT DATA	
Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	24
Output Current [A]	40
Output cable cross-section	10 mm2
Output cable length [m]	3
Output cable terminals (in unit)	M6
Typical Output connector	DIN80
Output fuse, rating [A/VDC]	80A/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	A27
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]	5
Charger dimensions [mm]	417x255x84

417x255x84

SHIPPING DIMENSIONS	
Box dimensions [mm]	185x320x610
Shipping Weight [kg]	7

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