

TECHNICAL DATA

LION 130 120V/90A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD		
Part number	LX7409	
Model	LION 130	
Туре	120V/90A	
MAINS DATA (50/60HZ)		
Output Voltage [V]	120	
Output Current [A]	90	
Number of phases	3	
Rated Voltage range [V]	380-440	
Current at nominal voltage [A]	20,6	
Recommended supply fuse [A]	25	
Supply cable area	4x4 mm2	
Supply cable length [m]	?2,5	
Typical Supply Connector	CEE32	
Output cable cross-section	35 mm2	
BATTERY CONNECTION		
Output cable cross-section	35 mm2	
Output cable terminals (in unit)	M8	
Output cable length [m]	3	
Typical Output connector	DIN160	
Output Voltage [V]	120	
ELECTRIC DATA		
Standby Power Consumption [W]	<5	
Power Consumption [W]	13599	
Apparent Power Consumption [VA]	14285	

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Intrast current, do not tripp fuse of class [A] 5 Efficiency (at rated power and no cobles) [%] 96 PROPERTIES Ingress protoction 1P20 Anabient temperature range (at full output power) [deg C] 50 Anabient max temp (with reduced output power) [deg C] 50 Cooling Cooling Cooling Protection Yes Wrong Polarity Protection Yes Wrong Polarity Protection Fuse Cubinect Type Alay Hul LED/Display Hul Language XY/EH/DE/ES/PF Reporting Yes Redo Communication No Charging Curve Set No LOC Cards Yes LOC Cooling Yes Cooling Yes Redo Communication No Charging Curve Set No LOC Cooling Yes LOC Cooling Yes LOC Cooling No Cooling	Power Factor	0,95
Efficiency (strated power and no cables) [%] PROPERTIES Ingress protection P20 Ambient temperature range (at full output power) [dog C] P20 Ambient temperature range (at full output power) [dog C] F3 to 40 Ambient max temp (with reduced output power) [dog C] F3 to 40 Ambient max temp (with reduced output power) [dog C] F3 to 40 Cooling Convection Convection Forection F4 to 50 Cooling F4 to 50	Inrush current, do not tripp fuse of class [A]	В
PROPERTIES Ingress protection [P20 Ambient temperature range (affull output power) [dog C] 50 - 40 Ambient max temp (with reduced output power) [dog C] 50 Cooling Convection Short Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type A19 Certifications E HMI Language SV / EN / DE / ES / PT Reporting Yes Reduc Communication No Charging Curve Set N/A U. Cards Optional CE U. U. Cards Optional CE U. U. Cards No Charging Curve Set No U. Cards Optional CE Ves U. Cards No Charging Times Ves 6 Hours capah/5h Ves 6 Hours capah/5h Ves 10 Hours capah/5h Ves	Output Ripple	<5
Ingress protection IP20 Ambient temperature range (at full output power) [deg C] 5 to +40 Cooling Convection Short Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type A19 Certifications CE HMI LED/Display HMI Language SV / EN / DE / ES / PT Reporting Yes Radio Communication No Charging Curve Set N/A UC Yes UL No CHARGINET IMES Yes 8 Hours capah/5h Hours capah/5h 10 Hours capah/5h Hours capah/5h	Efficiency (at rated power and no cables) [%]	96
Ambient temperature range (at full output power) [deg C] 50 cooling 50 convection 50 convection 7 ves 50 c	PROPERTIES	
Ambient max temp (with reduced output power) [deg C] 50 Cooling Convection Short Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type AT9 Certifications CE HMI LED/Display HMI Language SV / EN / DE / ES / PT Reporting Yes Radio Communication No Charging Curve Set N/A U/O-cards Optional CE Yes UL No CHARGING TIMES 6 Hours capall/5h Hours capall/5h 1 Hours capall/5h Let United the second of t	Ingress protection	IP20
Cooling Convection Short Circuit Protection Yes Wrong Palarity Protection Fuse Cabinet Type A19 Certifications CE HMI LED/Display HMI Language SV / EN / DE / ES / PT Reporting Yes Redio Communication No Charging Curve Set N/A V/O-cards Optional CE Yes UL No CHARGING TIMES 6 Hours cap alv/5h Hours cap alv/5h 10 Hours cap alv/5h Let Yes	Ambient temperature range (at full output power) [deg C]	-5 to +40
Short Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type A19 Certifications CE HMI LED/Display HMI Language SV / EN / DE / ES / PT Reporting Yes Redio Communication No Charging Curve Set N/A I/O-cards Optional CE Yes UL No CHARGING TIMES 6 Hours capal/5h Hours capal/5h 10 Hours capal/5h Hours capal/5h	Ambient max temp (with reduced output power) [deg C]	50
Wrong Polarity Protection Cabinet Type A19 Certifications CEI HMI HMI Language Reporting Reporting Reporting Round Start Radio Communication Charging Curve Set UC CHARGING TIMES CHARGING TIMES 8 Hours capah/5h 10 Hours capah/5h 12 Hours capah/5h	Cooling	Convection
Cabinet Type A19 Certifications CE HMI LED/Display HMI Language SV / EN / DE / ES / PT Reporting Yes Radio Communication No Charging Curve Set N/A I/O-cards Optional CE Yes UL No CHARGING TIMES 6 Hours capah/5h Hours capah/5h 10 Hours capah/5h 10 Hours capah/5h	Short Circuit Protection	Yes
Cetifications HMI HMI Language Reporting Reporting Radio Communication Charging Curve Set I/O-cards UL CHARGING TIMES 6 Hours capah/5h 10 Hours capah/5h 12 Hours capah/5h	Wrong Polarity Protection	Fuse
HMI Language SV / EN / DE / ES / PT Reporting Yes Radio Communication No Charging Curve Set Nn/A I/O-cards Optional CE Yes UL No CHARGING TIMES 6 Hours capah/5h 10 Hours capah/5h 11 Hours capah/5h	Cabinet Type	A19
HMI Language SV/EN/DE/ES/PT Reporting Yes Radio Communication No Charging Curve Set N/A I/O-cards Optional CE UL CHARGING TIMES 6 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	Certifications	CE
Reporting Yes Radio Communication No Charging Curve Set N/A I/O-cards Optional CE UL Yes CHARGING TIMES 6 Hours capah/5h 10 Hours capah/5h 12 Hours capah/5h	НМІ	LED/Display
Radio Communication No Charging Curve Set N/A I/O-cards Optional CE Yes UL No CHARGING TIMES 6 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	HMI Language	SV / EN / DE / ES / PT
Charging Curve Set 1/O-cards CE Ves UL CHARGING TIMES 6 Hours capah/5h 10 Hours capah/5h 12 Hours capah/5h	Reporting	Yes
I/O-cardsOptionalCEYesULNoCHARGING TIMES6 Hours cap.ah/5hYes10 Hours cap.ah/5hYes12 Hours cap.ah/5hYes	Radio Communication	No
CE Yes UL No CHARGING TIMES 6 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	Charging Curve Set	N/A
UL No CHARGING TIMES 6 Hours cap.ah/5h 8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	I/O-cards	Optional
CHARGING TIMES 6 Hours cap.ah/5h 8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	CE	Yes
6 Hours cap.ah/5h 8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	UL	No
8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	CHARGING TIMES	
10 Hours cap.ah/5h 12 Hours cap.ah/5h	6 Hours cap.ah/5h	
12 Hours cap.ah/5h	8 Hours cap.ah/5h	
	10 Hours cap.ah/5h	
CHARGER DIMENSIONS	12 Hours cap.ah/5h	
	CHARGER DIMENSIONS	
Weight excl. cables [kg] 18	Weight excl. cables [kg]	18
Weight incl. cables [kg] 21	Weight incl. cables [kg]	21
Outer Dimensions Height [mm] 571	Outer Dimensions Height [mm]	571

Outer Dimensions Width [mm]	270
Outer Dimensions Depth [mm]	258
Min Spacing Required	See User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	24
Box Height [mm]	425
Box Width [mm]	380
Box Depth [mm]	690
CHARGING	
Charging Ionic	0
Charging Standard	0
Charging Gel	0
Charging Li-lon	0
Charging AGM	0
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No