

TECHNICAL DATA

LION 100 24V/200A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LS2621
Model	LION 100
Туре	24V/200A
MAINS DATA (50/60HZ)	
Output Voltage [V]	24
Output Current [A]	200
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	9.8
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	70 mm2
BATTERY CONNECTION	
Output cable cross-section	70 mm2
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN320
Output Voltage [V]	24
ELECTRIC DATA	
Standby Power Consumption [W]	< 10
Power Consumption [W]	6462
Apparent Power Consumption [VA]	6802

<table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-row><table-row><table-row><table-container><table-container><table-container><table-container><table-row><table-row><table-row><table-row><table-container><table-container><table-container><table-row><table-row><table-row><table-container><table-container><table-container><table-row><table-row><table-row><table-container><table-container><table-container><table-row><table-row><table-row><table-container><table-container><table-container><table-row><table-row><table-row><table-row></table-row></table-row></table-row></table-row></table-container></table-container></table-container></table-row></table-row></table-row></table-container></table-container></table-container></table-row></table-row></table-row></table-container></table-container></table-container></table-row></table-row></table-row></table-container></table-container></table-container></table-row></table-row></table-row></table-row></table-container></table-container></table-container></table-container></table-row></table-row></table-row></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container>	Power Factor	0.95
Reference of a random cable [1%]91PROPERTIESIngress protectionP20Anisent temperature range (at full output power) (deg C)50 = 4-0Anisent temperature range (at full output power) (deg C)50CollingConvectionCollingConvectionStart Croat ProtectionVersChrister ProtectionFissChrister ProtectionCollingChrister ProtectionColling </td <td>Inrush current, do not tripp fuse of class [A]</td> <td>В</td>	Inrush current, do not tripp fuse of class [A]	В
POPERTIES Ingress protection Ingreseroparties Ingress protection Ingress protection Ingr	Output Ripple	<5
lagress protectionIP20Andionat temperature range (at full output power) [deg C]-5 to 40Andionat temp (with reduced output power) [deg C]00CollingConvectionStore Circuit ProtectionYesWang Polarity ProtectionFaseChainet TypeAlbChainet TypeAlbChainet TypeAlbChainet TypeStore Circuit ProtectionChainet TypeAlbChainet TypeAlbChainet TypeStore Circuit ProtectionChainet TypeNoChainet Circuit Circui	Efficiency (at rated power and no cables) [%]	91
Ambient temperature range (at hill output power) [deg C] Anbient temperature range (at hill output power) [deg C] Coling Cooling Cooling Control Cooling Control Contro Control Control Control Control Control Control Control Control	PROPERTIES	
Ambient max temp (with reduced output power) [deg C]50CondingConvectionStore Circuit ProtectionFaceWrang Polarity ProtectionFaceChaine TypeAl8Cathiet TypeCol DisplayChainet TypeCol DisplayHMCol DisplayHMSyl FM / ES / FM / ESReportingVs / SN / ES / FM / ESReportingNaReportingNaReportingNaReportingNaReportingVs / SN / ES / FM / ESReportingNa <trr>Re</trr>	Ingress protection	IP20
CoolingConvectionShort Circuit ProtectionYesWrong Polarity ProtectionFuseCabinet TypeAl8ContinetionsCHuitLED JuppinyHuit LanguageSV / EN / EN / PT / DERoportingYesRobin Circuit ScienceNaCarding Circuit ScienceNaCarding Circuit ScienceNaConsumicationNoCircuit ScienceYesCircuit ScienceYesScience ScienceYesCircuit ScienceYesCircuit ScienceYesScience ScienceYesScience ScienceYesScience Science ScienceYesScience Science ScienceYesScience Science Science ScienceYesCircuit Science Science Science ScienceYesScience Science Sci	Ambient temperature range (at full output power) [deg C]	-5 to +40
Sher Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type A18 Cartifications E HM ED / Display HM Language SV / EM / ES / PT / DE Reporting Yes Radio Communication NA IO-cards Ves CE Ves UL NA CHARGING TIMES Ves Flours capat/Sh Ves 10 Hours capat/Sh Ves	Ambient max temp (with reduced output power) [deg C]	50
Wrong Polarity Protection Fuse Cabinet Type Al8 Cartifications DE Exertifications DE HMI LBD / Display HMI Language SV / EN / ES / PT / DE Reporting Yes Radio Communication Na D'drards NA I/C-cards NA QL Yes Blurs capal/Sh Yes 1 Hours capal/Sh Sectore 1 Hours capal/Sh Yes Yes	Cooling	Convection
Cabine Type A18 Certifications CE HMI LED / Display HMI Language SV / EN / ES / PT / DE Reporting Yes Reporting No Redin Communication No I/O-cards Yes CE Yes CL Yes U-cards Yes CL Yes CL Yes U No CL Yes CL </td <td>Short Circuit Protection</td> <td>Yes</td>	Short Circuit Protection	Yes
Certifications CE HMI LED / Display HMI Language SV / EN / ES / PT / DE Reporting Ves Radio Communication No Charging Curve Set NA (J-cards Ves DL Ves CE Ves DL Ves CE Ves DL Ves DL <t< td=""><td>Wrong Polarity Protection</td><td>Fuse</td></t<>	Wrong Polarity Protection	Fuse
HMI Language LED Jisplay HMI Language SV FN / ES / PT / DE Reporting Ves Redo Communication Ves Addo Communication No Charging Curve Set N/A A Communication Ves Addo Communicat	Cabinet Type	A18
HMI Language SV / EN / ES / PT / DE Reporting Yes Radio Communication No Charging Curve Set N/A //O-cards Yes U-cards Yes UL No CHARGING TIMES Yes 6 Hours capah/5h Yes 10 Hours capah/5h Yes 12 Hours capah/5h Yes 12 Hours capah/5h Yes 12 Hours capah/5h Yes Yes Yes 12 Hours capah/5h Yes Yes Yes <td>Certifications</td> <td>CE</td>	Certifications	CE
Reporting Yes Radio Communication No Charging Curve Set N/A I/O-cards Yes CE Yes UL No CHARGING TIMES 6 Hours cap.ah/5h S 10 Hours cap.ah/5h S 12 Hours cap.ah/5h S 12 Hours cap.ah/5h S PARGER DIMENSIONS Ves Weight text. cables [kg] 16 Weight text. cables [kg] 23	НМІ	LED / Display
Radio CommunicationNoCharging Curve SetN/AI/O-cardsYesCEYesULNoCHARGING TIMES6 Hours capah/5h-10 Hours capah/5h-10 Hours capah/5h-10 Hours capah/5h-12 Hours capah/5h-CHARGER DIMENSIONSVieght excl. cables [kg]16Vieght excl. cables [kg]23	HMI Language	SV / EN / ES / PT / DE
Charging Curve Set N/A I/O-cards Yes CE Yes UL No CHARGING TIMES 6 Hours cap.ah/5h - 10 Hours cap.ah/5h - 10 Hours cap.ah/5h - 12 Hours cap.ah/5h - 12 Hours cap.ah/5h - 12 Hours cap.ah/5h - 12 Hours cap.ah/5h - 14 Urs cap.ah/5h - 14 Urs cap.ah/5h - 15 Hours cap.ah/5h - 16 Hours cap.ah/5h - 17 Hours cap.ah/5h - 18 Urs cap.ah/5h - 19 Urs cap.ah/5h - 10 Hours cap.ah/5h - </td <td>Reporting</td> <td>Yes</td>	Reporting	Yes
I/O-cardsYesCEYesULNoCHARGING TIMES6 Hours cap.ah/5h-8 Hours cap.ah/5h-10 Hours cap.ah/5h-12 Hours cap.ah/5h-CHARGER DIMENSIONS-Weight excl. cables [kg]164 Hours cap.ah [kg]23	Radio Communication	No
CE Yes UL No CHARGING TIMES G Hours cap.ah/5h - 8 Hours cap.ah/5h - 10 Hours cap.ah/5h - 10 Hours cap.ah/5h - 12 Hours cap.ah/5h - 13 Hours cap.ah/5h -	Charging Curve Set	N/A
ULNoCHARGING TIMES6 Hours capah/5h-8 Hours capah/5h-10 Hours capah/5h-12 Hours capah/5h-CHARGER DIMENSIONSVight excl. cables [kg]16Vight incl. cables [kg]23	I/O-cards	Yes
CHARGING TIMES6 Hours cap.ah/5h8 Hours cap.ah/5h10 Hours cap.ah/5h12 Hours cap.ah/5hCHARGER DIMENSIONSWeight excl. cables [kg]16Weight incl. cables [kg]23	CE	Yes
6 Hours cap.ah/5h 8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h CHARGER DIMENSIONS Weight excl. cables [kg] 16 Weight incl. cables [kg] 23	UL	No
8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h CHARGER DIMENSIONS Weight excl. cables [kg] 16 Weight incl. cables [kg] 23	CHARGING TIMES	
10 Hours cap.ah/5h 12 Hours cap.ah/5h CHARGER DIMENSIONS Weight excl. cables [kg] 16 Weight incl. cables [kg] 23	6 Hours cap.ah/5h	
12 Hours cap.ah/5h CHARGER DIMENSIONS Weight excl. cables [kg] 16 Weight incl. cables [kg] 23	8 Hours cap.ah/5h	
CHARGER DIMENSIONS Weight excl. cables [kg] 16 Weight incl. cables [kg] 23	10 Hours cap.ah/5h	
Weight excl. cables [kg]16Weight incl. cables [kg]23	12 Hours cap.ah/5h	
Weight incl. cables [kg] 23	CHARGER DIMENSIONS	
	Weight excl. cables [kg]	16
Outer Dimensions Height [mm] 529	Weight incl. cables [kg]	23
	Outer Dimensions Height [mm]	529

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	244
Min Spacing Required	Se User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	26
Box Height [mm]	650
Box Width [mm]	370
Box Depth [mm]	440
CHARGING	
Charging Ionic	0
Charging Standard	0
Charging Gel	0
Charging Li-Ion	0
Charging AGM	0
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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