

TECHNICAL DATA

LION 100 80V/100A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LS6421
Model	LION 100
Туре	80V/100A
MAINS DATA (50/60HZ)	
Output Voltage [V]	80
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	15.6
Recommended supply fuse [A]	16
Supply cable area	4x2,5 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE16
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]	80
ELECTRIC DATA	
Standby Power Consumption [W]	< 10
Power Consumption [W]	10266
Apparent Power Consumption [VA]	10806

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Rifection (gl ratud power and no cable) [%] 94 PROPERTIES P20 Ingress protection P20 Ambient temperature range (at hill output power) [deg C] -5 to -40 Ambient temperature range (at hill output power) [deg C] 50 Colling Convection Start Circuit Protection Verse Children Y Protection Fes Children Y Protection Sea Children Y Protection Cel Children Y Protection Cel Mult Paperade CP / DE / D	Inrush current, do not tripp fuse of class [A]	В
PGPERTIES Ingress protection Ingress Ingres Ingres Ingress Ingres Ingress Ingres	Output Ripple	<5
Ingress protectionIP20Anchient temperature range (at full output power) [deg C]5 to 40Anchient tam temp (with reduced output power) [deg C]50CollingConvectionStore Circuit ProtectionVesWang Polarity ProtectionFaseCatinet TypeAlbCharlingColl DisplayCatinet TypeColl DisplayCharlingStore DisplayMult CanageStore DisplayMult CatageNaCatage	Efficiency (at rated power and no cables) [%]	94
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 DisplayHMSy / SN / ES / PT / DEReportingYesReportingNaReportingNaReportingNaReportingNaReportingNaReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingYesReportingNaReportingYesReportin	Ingress protection	IP20
CoolingConvectionShort Circuit ProtectionYesWrong Polarity ProtectionFuseCabinet TypeAl8ContinetionsCHuitLED JuppinyHuit LanguageSV / EN / ES / PT / DERoportingYesRobin Circuit ScienceNaCarding Circuit ScienceNaConsumicationNoColorardsYesCircuit ScienceYesCircuit ScienceYesScience ScienceYesCircuit ScienceYesCircuit ScienceYesScience ScienceYesScience ScienceYesScience ScienceYesScience ScienceYesScience Science ScienceYesScience Science ScienceYesScience Science Science ScienceYesScience Science Science ScienceYesScience Science Science Science ScienceYesScience Science S	Ambient temperature range (at full output power) [deg C]	-5 to +40
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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 Charging Curve Set NA // C-ards Yes QL Yes QL Yes Blurs capal/Sh Yes 19 Hours capal/Sh Yes 10 Hours capal/Sh Yes 19 Hours capal/Sh Yes 19 Hours capal/Sh Yes CHARCER DIMENSIONS Yes Veight excl. cables [kg] So	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 UL No CHARGING TIMES Yes 10 Hours capal/5h Yes 10 Hours capal/5h Yes 10 Hours capal/5h Yes 10 Hours capal/5h Yes 12 Hours capal/5h Yes 12 Hours capal/5h Yes CHARGER DIMENSIONS Yes Weight excl. cables [kg] Se Weight excl. cables [kg] Se	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 (I-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
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HMI Language SV / EN / ES / PT / DE Reporting Yes Radio Communication No Charging Curve Set N/A L/O-cards Yes CE Yes UL No CHARGING TIMES Yes F Hours cap.ah/5h Yes 10 Hours cap.ah/5h Yes 12 Hours cap.ah/5h Yes Yes Yes	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] 19	НМІ	LED / Display
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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]19	CE	Yes
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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] 19	CHARGING TIMES	
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Weight excl. cables [kg]16Weight incl. cables [kg]19	12 Hours cap.ah/5h	
Weight incl. cables [kg] 19	CHARGER DIMENSIONS	
	Weight excl. cables [kg]	16
Outer Dimensions Height [mm] 529	Weight incl. cables [kg]	19
	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]	22
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

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