

TECHNICAL DATA

LION 100 48V/100A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STA	NDARD
Part number	LS4421
Model	LION 100
Туре	48V/100A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	9.5
Recommended supply fuse [A]	10
Supply cable area	4x1,5 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]	48
ELECTRIC DATA	
Standby Power Consumption [W]	<10
Power Consumption [W]	6247
Apparent Power Consumption [VA]	6576

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Intrash current, do not tripp fuse of class [A] 8 Coutput Ripple 45 Efficiency (at rated power and no cables) [%] 93 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 Cooling Convection Yes Wrong Polarity Protection Yes Wrong Polarity Protection CE HMI Language Reporting No Radio Communication No Charging Curve Set UC -cards EE Yes UL No CHARGING TIMES 6 Hours capah/5h 10 Hours capah/5h 112 Hours capah/5h 12 Hours capah/5h 12 Hours capah/5h CHARGER DIMENSIONS	
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8 Hours cap.ah/5h 10 Hours cap.ah/5h 12 Hours cap.ah/5h	
10 Hours cap.ah/5h 12 Hours cap.ah/5h	
12 Hours cap.ah/5h	
CHARGER DIMENSIONS	
Weight excl. cables [kg] 16	
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	
Charging Standard	
Charging Gel	
Charging Li-lon	
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No