

TECHNICAL DATA

LION 200 80V/115A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LUG453
Model	LION 200
Type	80V/115A

MAINS DATA (50/60HZ)

Output Voltage [V]	80
Output Current [A]	115
Number of phases	3
Rated Voltage range [V]	230-240
Current at nominal voltage [A]	31.6
Recommended supply fuse [A]	32
Supply cable area	4x10 mm ²
Supply cable length [m]	3
Typical Supply Connector	CEE32
Output cable cross-section	35 mm ²

BATTERY CONNECTION

Output cable cross-section	35 mm ²
Output cable terminals (in unit)	M10
Output cable length [m]	3
Typical Output connector	DIN160
Output Voltage [V]	80

ELECTRIC DATA

Standby Power Consumption [W]	<15
Power Consumption [W]	11928
Apparent Power Consumption [VA]	12556

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
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
Short Circuit Protection	Yes
Wrong Polarity Protection	
Cabinet Type	A22
Certifications	CE
HMI	
HMI Language	
Reporting	No
Radio Communication	No
Charging Curve Set	
I/O-cards	
CE	Yes
UL	No

CHARGING TIMES

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]	34.5
Weight incl. cables [kg]	39
Outer Dimensions Height [mm]	659

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	459
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	42.4
Box Height [mm]	435
Box Width [mm]	370
Box Depth [mm]	690

CHARGING

Charging Ionic	
Charging Standard	
Charging Gel	
Charging Li-Ion	
Charging AGM	
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No

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