MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

LION 11 24V/40A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	L12300
Model	Lion 11
Type	24V/40A
MAINS DATA (50/60HZ)	
Output Voltage [V]	24
Output Current [A]	40
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	5,5
Recommended supply fuse [A]	10
Supply cable area	3x1,0 mm2
Supply cable length [m]	2,3
Typical Supply Connector	10A Schuko
Output cable cross-section	10 mm2
BATTERY CONNECTION	
Output cable cross-section	10 mm2
Output cable terminals (in unit)	M5
Output cable length [m]	2
Typical Output connector	User defined
Output Voltage [V]	24
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	1307
Apparent Power Consumption [VA]	1320

Power Factor	0,99
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	92

PROPERTIES

Ingress protection	IP20
Operation Temperature [deg C]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	55
Cooling	Convection
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	S40
Certifications	CE
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	N/A
I/O-cards	Optional
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	235
8 Hours cap.ah/5h	340
10 Hours cap.ah/5h	445
12 Hours cap.ah/5h	550

CHARGER DIMENSIONS

Weight excl. cables [kg]	3.2
Weight incl. cables [kg]	3.9
Outer Dimensions Height [mm]	262

Outer Dimensions Width [mm]	230
Outer Dimensions Depth [mm]	80
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	4.5
Box Height [mm]	135
Box Width [mm]	380
Box Depth [mm]	250

CHARGING

Charging Ionic	
Charging Standard	
Charging Gel	
Charging Li-Ion	CAN bus, external BMS
Charging AGM	
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 Group AB.

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