MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

MICROPOWER ST120 LI 80V/130A UL BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	LX6489-3073
Model	ST120
Type	90V/130A
MAINS DATA (50/60HZ)	
Output Voltage [V]	90
Output Current [A]	130
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	20.1
Recommended supply fuse [A]	25
Supply cable area	4x4 mm2
Supply cable length [m]	□2.5
Typical Supply Connector	CEE32
Output cable cross-section	50 mm2
BATTERY CONNECTION	
Output cable cross-section	50 mm2
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN320
Output Voltage [V]	90
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	13208
Apparent Power Consumption [VA]	13903

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	95

PROPERTIES

Ingress protection	IP20
Operation Temperature [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	A19
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]	18
Weight incl. cables [kg]	23
Outer Dimensions Height [mm]	571

Outer Dimensions Width [mm]	270
Outer Dimensions Depth [mm]	258
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	25
Box Height [mm]	425
Box Width [mm]	380
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

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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