MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

MICROPOWER SL190 PB 120V/180A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	DB7589-3073
Model	SL190
Type	90V/180A

MAINS DATA (50/60HZ)

Output Voltage [V]	90
Output Current [A]	180
Mains Phase	3
Input Voltage [V]	380-440
Max Mains Current (at nominal mains V) [A]	30.9
Recommended Mains Fuse [A]	32
Mains Cable Area [mm2]	4x6 mm2
Mains Cable Length [m]	□2.5
Mains Connector	CEE32
Battery Cable [mm2]	70 mm2

BATTERY CONNECTION

Battery Cable [mm2]	70 mm2
Battery Cable Connection (in charger)	M8
Battery Cable Length [m]	3
Battery Connector (not included)	DIN320
Output Voltage [V]	90

ELECTRIC DATA

Standby Power Consumption [W]	<3.5
Power Consumption [W]	20458
Apparent Power Consumption [VA]	21377

Power Factor	0.96
Inrush Current [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	96

PROPERTIES

IP Protection	IP21
Operation Temperature [deg C]	-5 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	50
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	
Cabinet Type	B2
Certifications	CE
HMI	
HMI Language	
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	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

Charger Weight excl. Cables [kg]	42
Charger Weight incl. Cables [kg]	49
Outer Dimensions Height [mm]	410

Outer Dimensions Width [mm]	533
Outer Dimensions Depth [mm]	515
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	63
Box Height [mm]	560
Box Width [mm]	800
Box Depth [mm]	600

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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