MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

MICROPOWER SL170 PB 48V/300A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	DB4769
Model	SL170
Type	48V/300A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	300
Mains Phase	3
Input Voltage [V]	380-440
Max Mains Current (at nominal mains V) [A]	27,9
Recommended Mains Fuse [A]	32
Mains Cable Area [mm2]	4x6 mm2
Mains Cable Length [m]	> 2,5
Mains Connector	CEE32
Battery Cable [mm2]	4/0 AWG
BATTERY CONNECTION	
Battery Cable [mm2]	4/0 AWG
Battery Cable Connection (in charger)	M8
Battery Cable Length [m]	3
Battery Connector (not included)	DIN320
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	<10
Power Consumption [W]	18484
Apparent Power Consumption [VA]	19334

Power Factor	0,956
Inrush Current [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	94,9

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	LED/Display
HMI Language	-
Bluetooth/ NFC connectivity	Yes
Remote connectivity & advanced software functions	Yes
Charging Curve Set	Multiple Lead
I/O-cards	Remote Start/Stop
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]	50
Outer Dimensions Height [mm]	415

Outer Dimensions Width [mm]	579
Outer Dimensions Depth [mm]	520
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	64
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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