

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
Number of phases	3
Rated Voltage range [V]	380-440
Current at nominal voltage [A]	27,9
Recommended supply fuse [A]	32
Supply cable area	4x6 mm ²
Supply cable length [m]	> 2,5
Typical Supply Connector	CEE32
Output cable cross-section	4/0 AWG

BATTERY CONNECTION

Output cable cross-section	4/0 AWG
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	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, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	94,9

PROPERTIES

Ingress protection	IP21
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	B2
Certifications	CE
HMI	LED/Display
HMI Language	-
Reporting	Yes
Radio Communication	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

Weight excl. cables [kg]	42
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

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