MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

MICROPOWER SL170 PB 36V/400A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	DB3866
Model	SL170
Type	36V/400A

MAINS DATA (50/60HZ)

Output Voltage [V]	36
Output Current [A]	400
Number of phases	3
Rated Voltage range [V]	480
Current at nominal voltage [A]	24
Recommended supply fuse [A]	tbd
Supply cable area	4xAWG10
Supply cable length [m]	> 2,5
Typical Supply Connector	tbd
Output cable cross-section	250 KCMIL

BATTERY CONNECTION

Output cable cross-section	250 KCMIL
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	-
Output Voltage [V]	36

ELECTRIC DATA

Standby Power Consumption [W]	< 10
Power Consumption [W]	18925
Apparent Power Consumption [VA]	19921

Power Factor	0.95
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	93

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	Fuse
Cabinet Type	B2
Certifications	UL
HMI	LED/Display
HMI Language	SV / EN / ES / PT / DE
Reporting	Yes
Radio Communication	Yes
Charging Curve Set	Multiple Lead
I/O-cards	Remote Start/Stop
CE	No
UL	Yes

CHARGING TIMES

6 Hours cap.ah/5h	2296
8 Hours cap.ah/5h	3328
10 Hours cap.ah/5h	4444
12 Hours cap.ah/5h	5336

CHARGER DIMENSIONS

Weight excl. cables [kg]	42
Weight incl. cables [kg]	52
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]	66
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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