

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]	-
Current at nominal voltage [A]	24.0
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

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