

TECHNICAL DATA

MICROPOWER SX23 PB 24V/80A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	WN2380
Model	Micropower SX23
Type	24V/80A

MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	80
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	11,5
Recommended supply fuse [A]	16
Supply cable area	3x1,5 mm ²
Supply cable length [m]	2,3
Typical Supply Connector	Fixed or IEC C19/CEE17
Output cable cross-section	25 mm ²

BATTERY CONNECTION

Output cable cross-section	25 mm ²
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	DIN80
Output Voltage [V]	24

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	2581
Apparent Power Consumption [VA]	2634

Power Factor	0,98
Inrush current, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	91

PROPERTIES

Ingress protection	IP20
Ambient temperature range (at full output power) [deg C]	-5 to +40
Ambient max temp (with reduced output power) [deg C]	55
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Fuse
Cabinet Type	A51
Certifications	CE
HMI	LED/Display
HMI Language	SV / EN / ES / PT / DE
Reporting	Yes
Radio Communication	Yes
Charging Curve Set	Multiple Lead
I/O-cards	Basic
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	460
8 Hours cap.ah/5h	665
10 Hours cap.ah/5h	890
12 Hours cap.ah/5h	

CHARGER DIMENSIONS

Weight excl. cables [kg]	6
Weight incl. cables [kg]	8
Outer Dimensions Height [mm]	455

Outer Dimensions Width [mm]	220
Outer Dimensions Depth [mm]	103
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	10
Box Height [mm]	165
Box Width [mm]	265
Box Depth [mm]	595

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