

TECHNICAL DATA

MICROPOWER SX14 PB 24V/50A UL BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	WG2321-A3
Model	SX14
Type	24V/50A

MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	50
Number of phases	1
Rated Voltage range [V]	120-240
Current at nominal voltage [A]	7.2
Recommended supply fuse [A]	10
Supply cable area	3xAWG14
Supply cable length [m]	2.0
Typical Supply Connector	Fixed NEMA 6-20P
Output cable cross-section	AWG2

BATTERY CONNECTION

Output cable cross-section	AWG2
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]	1612,637363
Apparent Power Consumption [VA]	1645,548329

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	IP21
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	
Cabinet Type	A51
Certifications	UL
HMI	
HMI Language	
Reporting	No
Radio Communication	No
Charging Curve Set	
I/O-cards	
CE	No
UL	Yes

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]	6
Weight incl. cables [kg]	7.8
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]	9.4
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

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