

TECHNICAL DATA

SHARP 30 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SB2380
Model	Sharp 30
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]	10
Recommended supply fuse [A]	10
Supply cable area	3x1,5
Supply cable length [m]	2,5
Typical Supply Connector	16A Schuko
Output cable cross-section	2x16

BATTERY CONNECTION

Output cable cross-section	2x16
Output cable terminals (in unit)	-
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	24

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	2323
Apparent Power Consumption [VA]	2347

Power Factor	0,99
Inrush current, do not tripp fuse of class [A]	<30
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	92

PROPERTIES

Ingress protection	IP54 (IP66 optional)
Ambient temperature range (at full output power) [deg C]	-5 to +40
Ambient max temp (with reduced output power) [deg C]	50
Cooling: 1=Fan, 2= Convection	Fan
Short Circuit Protection	Yes
Wrong Polarity Protection	Fuse
Cabinet Type	S11
Certifications	
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-05,06,18 & 20-09 & 23-03
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	459
8 Hours cap.ah/5h	665
10 Hours cap.ah/5h	887
12 Hours cap.ah/5h	1100

CHARGER DIMENSIONS

Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	407

Outer Dimensions Width [mm]	235
Outer Dimensions Depth [mm]	78
Min Spacing Required	100

SHIPPING DIMENSIONS

Shipping Weight [kg]	8
Box Height [mm]	600
Box Width [mm]	265
Box Depth [mm]	165

CHARGING

Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-Ion	0
Charging AGM	LK20-09
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 E.D. Marketing AB.