

# TECHNICAL DATA

## SHARP 100 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SS999998
Model	SHARP 100
Type	80V/100A

### MAINS DATA (50/60HZ)

Output Voltage [V]	80
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	480-480
Current at nominal voltage [A]	13
Recommended supply fuse [A]	16
Supply cable area	4xAWG14
Supply cable length [m]	3
Typical Supply Connector	Not included
Output cable cross-section	2xAWG2

### BATTERY CONNECTION

Output cable cross-section	2xAWG2
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	80

### ELECTRIC DATA

Standby Power Consumption [W]	<10
Power Consumption [W]	10266
Apparent Power Consumption [VA]	10806

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	94

## 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]	50
Cooling	Fan
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	S19
Certifications	
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	No
CE	No
UL	Yes

## CHARGING TIMES

6 Hours cap.ah/5h	574
8 Hours cap.ah/5h	833
10 Hours cap.ah/5h	1112
12 Hours cap.ah/5h	1334

## CHARGER DIMENSIONS

Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	571

Outer Dimensions Width [mm]	270
Outer Dimensions Depth [mm]	258
Min Spacing Required	300

## SHIPPING DIMENSIONS

Shipping Weight [kg]	24
Box Height [mm]	440
Box Width [mm]	370
Box Depth [mm]	560

## 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.