

TECHNICAL DATA

SHARP 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	\$\$999998
Model	SHARP 100
Туре	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	\$19
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 Ionic Charging Standard	LK10-18 Ionic mixture LK10-06 Standard Curve
Charging Standard	LK10-06 Standard Curve
Charging Standard Charging Gel	LK10-06 Standard Curve LK20-09
Charging Standard Charging Gel Charging Li-Ion	LK10-06 Standard Curve LK20-09 O
Charging Standard Charging Gel Charging Li-Ion Charging AGM	LK10-06 Standard Curve LK20-09 0 LK20-09
Charging Standard Charging Gel Charging Li-Ion Charging AGM Moisture Resistance	LK10-06 Standard Curve LK20-09 0 LK20-09 No
Charging Standard Charging Gel Charging Li-Ion Charging AGM Moisture Resistance Dusty Environment	LK10-06 Standard Curve LK20-09 0 LK20-09 No 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.