MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

SHARP 100 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SS999996
Model	SHARP 100
Type	48V/165A

MAINS DATA (50/60HZ)

Output Voltage [V]	48
Output Current [A]	165
Mains Phase	3
Input Voltage [V]	480-480
Max Mains Current (at nominal mains V) [A]	13,1
Recommended Mains Fuse [A]	16
Mains Cable Area [mm2]	4xAWG14
Mains Cable Length [m]	3
Mains Connector	Not included
Battery Cable [mm2]	2xAWG1/0

BATTERY CONNECTION

Battery Cable [mm2]	2xAWG1/0
Battery Cable Connection (in charger)	M8
Battery Cable Length [m]	3
Battery Connector (not included)	User defined
Output Voltage [V]	48

ELECTRIC DATA

Standby Power Consumption [W]	<10
Power Consumption [W]	10336
Apparent Power Consumption [VA]	10880

Power Factor	0,95
Inrush Current [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	93

PROPERTIES

IP Protection	IP20
Operation Temperature [deg C]	-5 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	50
Cooling	Fan
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	S19
Certifications	
HMI	LED
HMI Language	-
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	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	947
8 Hours cap.ah/5h	1213
10 Hours cap.ah/5h	1834
12 Hours cap.ah/5h	1943

CHARGER DIMENSIONS

Charger Weight excl. Cables [kg]	
Charger 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]	25
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 Group AB.

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