MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

SHARP 10 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	924110
Model	SHARP 10
Type	12V/7A
MAINS DATA (50/60HZ)	
Output Voltage [V]	12
Output Current [A]	7
Mains Phase	1
Input Voltage [V]	110-230
Max Mains Current (at nominal mains V) [A]	0,6
Recommended Mains Fuse [A]	10
Mains Cable Area [mm2]	3x0,75
Mains Cable Length [m]	2
Mains Connector	16A Schuko
Battery Cable [mm2]	2x1,5
BATTERY CONNECTION	
Battery Cable [mm2]	2x1,5
Battery Cable Connection (in charger)	-
Battery Cable Length [m]	1,5
Battery Connector (not included)	User defined
Output Voltage [V]	12
ELECTRIC DATA	
Standby Power Consumption [W]	1
Power Consumption [W]	119
Apparent Power Consumption [VA]	132

Power Factor	0,9
Inrush Current [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	85

PROPERTIES

IP Protection	IP65
Operation Temperature [deg C]	-25 to +30
Ambient Max Temperature (with reduced capacity) [deg C]	55
Cooling	Passive
Short Circuit Protection	1
Wrong Polarity Protection	Yes
Cabinet Type	P2
Certifications	
HMI	LED
HMI Language	-
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	No
Charging Curve Set	Customer demand
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	22
8 Hours cap.ah/5h	29
10 Hours cap.ah/5h	38
12 Hours cap.ah/5h	46

CHARGER DIMENSIONS

Charger Weight excl. Cables [kg]	
Charger Weight incl. Cables [kg]	
Outer Dimensions Height [mm]	155

Outer Dimensions Width [mm]	80
Outer Dimensions Depth [mm]	42
Min Spacing Required	150

SHIPPING DIMENSIONS

Shipping Weight [kg]	1
Box Height [mm]	193
Box Width [mm]	99
Box Depth [mm]	48

CHARGING

Charging Ionic	LK Sharp 10
Charging Standard	LK Sharp 10
Charging Gel	LK Sharp 10 (GEL and AGM)
Charging Li-Ion	0
Charging AGM	LK Sharp 10 (GEL and AGM)
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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