MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

SHARP 11 24V/40A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	S12306
Model	SHARP 11
Type	24V/40A
MAINS DATA (50/60HZ)	
Output Voltage [V]	24
Output Current [A]	40
Mains Phase	1
Input Voltage [V]	220-240
Max Mains Current (at nominal mains V) [A]	5,5
Recommended Mains Fuse [A]	10
Mains Cable Area [mm2]	3x1,0mm2
Mains Cable Length [m]	2,3
Mains Connector	10A Schuko
Battery Cable [mm2]	10 mm2
BATTERY CONNECTION	
Battery Cable [mm2]	10 mm2
Battery Cable Connection (in charger)	M5
Battery Cable Length [m]	2
Battery Connector (not included)	User defined
Output Voltage [V]	24
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	1307
Apparent Power Consumption [VA]	1320

Power Factor	0,99
Inrush Current [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	92

PROPERTIES

IP Protection	IP66
Operation Temperature [deg C]	-35 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	55
Cooling	Convection
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	S40
Certifications	CE
HMI	LED
HMI Language	-
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	No
Charging Curve Set	N/A
I/O-cards	Optional
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	235
8 Hours cap.ah/5h	340
10 Hours cap.ah/5h	445
12 Hours cap.ah/5h	550

CHARGER DIMENSIONS

Charger Weight excl. Cables [kg]	3.2
Charger Weight incl. Cables [kg]	3.9
Outer Dimensions Height [mm]	262

Outer Dimensions Width [mm]	230
Outer Dimensions Depth [mm]	80
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	4.5
Box Height [mm]	135
Box Width [mm]	380
Box Depth [mm]	250

CHARGING

Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-Ion	YES
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.

Micropower Group
Gulhallavägen 20
SE-352 50 Växjö
Sweden

Phone: +46 (0) 470-72 74 00
sales@micropower.se
www.micropower-group.se