

## **TECHNICAL DATA**

## **SHARP 20 BATTERY CHARGERS**

STATED DATA ACCORDING TO MICROPO	OWFR STANDARD
	924130
Part number	
Model	SHARP 20
Туре	12V/40A
MAINS DATA (50/60HZ)	
Output Voltage [V]	12
Output Current [A]	40
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	3,1
Recommended supply fuse [A]	10
Supply cable area	3x1,5
Supply cable length [m]	2,5
Typical Supply Connector	10A Schuko
Output cable cross-section	2x6
BATTERY CONNECTION	
Output cable cross-section	2x6
Output cable terminals (in unit)	Terminal
Output cable length [m]	2
Typical Output connector	User defined
Output Voltage [V]	12
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	717
Apparent Power Consumption [VA]	724

Power Factor	0,99
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	1
Efficiency (at rated power and no cables) [%]	85
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	Electronic
Cabinet Type	P4
Certifications	
НМІ	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-04,06 & 20-09
I/O-cards	No
CE	Yes
UL	No
CHARGING TIMES	
6 Hours cap.ah/5h	204
8 Hours cap.ah/5h	306
10 Hours cap.ah/5h	418
12 Hours cap.ah/5h	532
CHARGER DIMENSIONS	
Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	243

Outer Dimensions Width [mm]	112
Outer Dimensions Depth [mm]	74
Min Spacing Required	150
SHIPPING DIMENSIONS	
Shipping Weight [kg]	2
Box Height [mm]	310
Box Width [mm]	200
Box Depth [mm]	140
CHARGING	
Charging Ionic	LK10-04 Chemical Acid Circulation (Ionic)
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-lon	0
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No