

## **TECHNICAL DATA**

## **SHARP 20 BATTERY CHARGERS**

STATED DATA ACCORDING TO MICROPOWER STANDARD		
Part number	924227	
Model	SHARP 20	
Туре	24V/30A	
MAINS DATA (50/60HZ)		
Output Voltage [V]	24	
Output Current [A]	30	
Number of phases	1	
Rated Voltage range [V]	220-240	
Current at nominal voltage [A]	4,4	
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]	24	
ELECTRIC DATA		
Standby Power Consumption [W]	<5	
Power Consumption [W]	992	
Apparent Power Consumption [VA]	1002	

Power Factor	0,99
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	4
Efficiency (at rated power and no cables) [%]	89
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	153
8 Hours cap.ah/5h	230
10 Hours cap.ah/5h	314
12 Hours cap.ah/5h	399
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