MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

SHARP 10 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	924213
Model	SHARP 10
Type	24V/9A

MAINS DATA (50/60HZ)

Output Voltage [V]	24
Output Current [A]	9
Number of phases	1
Rated Voltage range [V]	208-240
Current at nominal voltage [A]	1,2
Recommended supply fuse [A]	10
Supply cable area	3x1,0
Supply cable length [m]	2
Typical Supply Connector	16A Schuko
Output cable cross-section	2x2,5

BATTERY CONNECTION

Output cable cross-section	2x2,5
Output cable terminals (in unit)	-
Output cable length [m]	1,5
Typical Output connector	User defined
Output Voltage [V]	24

ELECTRIC DATA

Standby Power Consumption [W]	1
Power Consumption [W]	256
Apparent Power Consumption [VA]	269

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	90

PROPERTIES

Ingress protection	IP65
Ambient temperature range (at full output power) [deg C]	-25 to +30
Ambient max temp (with reduced output power) [deg C]	55
Cooling	Passive
Short Circuit Protection	1
Wrong Polarity Protection	Yes
Cabinet Type	P3
Certifications	
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	Customer demand
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	25
8 Hours cap.ah/5h	33
10 Hours cap.ah/5h	44
12 Hours cap.ah/5h	53

CHARGER DIMENSIONS

Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	192

Outer Dimensions Width [mm]	98
Outer Dimensions Depth [mm]	47
Min Spacing Required	150

SHIPPING DIMENSIONS

Shipping Weight [kg]	2
Box Height [mm]	199
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