

TECHNICAL DATA

SHARP 50 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SP3426
Model	SHARP 50
Type	36V/100A

MAINS DATA (50/60HZ)

Output Voltage [V]	36
Output Current [A]	100
Number of phases	3
Rated Voltage range [V]	480-480
Current at nominal voltage [A]	5,9
Recommended supply fuse [A]	10
Supply cable area	4xAWG14
Supply cable length [m]	3
Typical Supply Connector	Not included
Output cable cross-section	2xAWG2

BATTERY CONNECTION

Output cable cross-section	2xAWG2
Output cable terminals (in unit)	M6
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	36

ELECTRIC DATA

Standby Power Consumption [W]	< 5
Power Consumption [W]	4699
Apparent Power Consumption [VA]	4946

Power Factor	0,95
Inrush current, do not tripp fuse of class [A]	Negligible
Output Ripple	< 1
Efficiency (at rated power and no cables) [%]	93

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	Fuse
Cabinet Type	S16
Certifications	CE
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	603
8 Hours cap.ah/5h	875
10 Hours cap.ah/5h	1168
12 Hours cap.ah/5h	1401

CHARGER DIMENSIONS

Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	387

Outer Dimensions Width [mm]	266
Outer Dimensions Depth [mm]	152
Min Spacing Required	100

SHIPPING DIMENSIONS

Shipping Weight [kg]	10
Box Height [mm]	260
Box Width [mm]	330
Box Depth [mm]	550

CHARGING

Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-Ion	0
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 E.D. Marketing AB.