

TECHNICAL DATA

SHARP 50 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SP3386
Model	SHARP 50
Type	36V/80A

MAINS DATA (50/60HZ)

Output Voltage [V]	36
Output Current [A]	80
Number of phases	3
Rated Voltage range [V]	480-480
Current at nominal voltage [A]	4,8
Recommended supply fuse [A]	10
Supply cable area	4xAWG14
Supply cable length [m]	3
Typical Supply Connector	Not included
Output cable cross-section	2xAWG4

BATTERY CONNECTION

Output cable cross-section	2xAWG4
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]	3771
Apparent Power Consumption [VA]	3970

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

CHARGING TIMES

6 Hours cap.ah/5h	459
8 Hours cap.ah/5h	665
10 Hours cap.ah/5h	887
12 Hours cap.ah/5h	1220

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