

TECHNICAL DATA

SHARP 30 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SA4240
Model	Sharp 30
Type	48V/20A

MAINS DATA (50/60HZ)

Output Voltage [V]	48
Output Current [A]	20
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	5,5
Recommended supply fuse [A]	10
Supply cable area	3x1,0
Supply cable length [m]	2,5
Typical Supply Connector	10A Schuko
Output cable cross-section	2x10

BATTERY CONNECTION

Output cable cross-section	2x10
Output cable terminals (in unit)	-
Output cable length [m]	3
Typical Output connector	User defined
Output Voltage [V]	48

ELECTRIC DATA

Standby Power Consumption [W]	<5
Power Consumption [W]	1259
Apparent Power Consumption [VA]	1272

Power Factor	0,99
Inrush current, do not tripp fuse of class [A]	<30
Output Ripple	<1
Efficiency (at rated power and no cables) [%]	92

PROPERTIES

Ingress protection	IP54 (IP66 optional)
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 & FUSE
Cabinet Type	S10
Certifications	
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	10-05,06,18 & 20-09 & 23-03
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	115
8 Hours cap.ah/5h	166
10 Hours cap.ah/5h	222
12 Hours cap.ah/5h	275

CHARGER DIMENSIONS

Weight excl. cables [kg]	
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	349

Outer Dimensions Width [mm]	235
Outer Dimensions Depth [mm]	79
Min Spacing Required	100

SHIPPING DIMENSIONS

Shipping Weight [kg]	5
Box Height [mm]	600
Box Width [mm]	265
Box Depth [mm]	165

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

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