

TECHNICAL DATA

SHARP 30 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	SA2300
Model	Sharp 30
Туре	24V/40A
MAINS DATA (50/60HZ)	
Output Voltage [V]	24
Output Current [A]	40
Number of phases	1
Rated Voltage range [V]	220-240
Current at nominal voltage [A]	5,6
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]	24
ELECTRIC DATA	
Standby Power Consumption [W]	<5
Power Consumption [W]	1281
Apparent Power Consumption [VA]	1294

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Product power and no cables) [%] 92 PROPERTIES PF4 (P66 aptonal) Ingres protection 954 (P66 aptonal) Anbiant tampersture range [at full autput power] [deg C] 50 Cooling Fan Cancellance Start Creat Protection 10 Start Creat Protection Bectronic & FUSE Cohen Type Bectronic & FUSE Chifter Start 10 Protection 10 Chifter Start 10 Radio Communication 10 Radio Communication 10 Radio Communication 10 Charden Communication 10 Radio Communication	Inrush current, do not tripp fuse of class [A]	<30
PROPERTIES Ingresc protection I	Output Ripple	<1
Ingress protectionIP54 (IP66 optional)Andient temperature range (at full output power) [deg C]50 + 04Andient tactom (with reduced output power) [deg C]50 + 04CollingFindCollingFindSub Carceuit Protection1Wang Polarity ProtectionElectronic & FINSECabier TypeSiloCarlificationsElectronic & FINSEIMICarceuit ProtectionRadio CaronamicationPiologRadio CaronamicationNoRadio CaronamicationNoCardia CaronamicationNo <t< td=""><td>Efficiency (at rated power and no cables) [%]</td><td>92</td></t<>	Efficiency (at rated power and no cables) [%]	92
Ankient mage (at full output power) [deg C] -50 + 40 Ankient max temp (with reduced output power) [deg C] 50 Cooling Find Start Circuit Protection 1 Start Circuit Protection Bectranic & FINSE Cohinet Type Silo Chainet Type Silo Chainet Type Silo Mult Language - Rado Communication No Reporting No Rado Communication No Reporting No Reporting No Reporting Charles No Rude Carumanication Silo Rude Carumanication Silo Rude Carumanication <td>PROPERTIES</td> <td></td>	PROPERTIES	
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Short Grout Protection 1 Wrong Polarity Protection Electronic & FUSE Cabinet Type S10 Cabinet Type IE HM LED HM Language - Reporting No Reporting No Ratio Communication No L/C-ards ID-05.06.18.8.20-09.8.23.03 L/C-ards No CL Vers L/L No CL State Science L/L Science <td>Ambient max temp (with reduced output power) [deg C]</td> <td>50</td>	Ambient max temp (with reduced output power) [deg C]	50
Wrang Polarity Protection Electronic & FUSE Cabinet Type S10 Certifications UD Ertifications LB HMI Anguage	Cooling	Fan
Cabine Type S10 Cabine Type S10 Certifications E HMI LED HMI Laguage - Reporting No Reporting No Radio Communication No Charging Curve Set 0-050618 20-09 23-03 I/C-cards No CL No CL Yes U No CL No CHARGING TIMES S0 Flaurs capal/5h 33 10 Hours capal/5h S0 10 Hours capal/5h S0 CHARGER DIMENSIONS Yes Weight exci. cables [kg] Yes	Short Circuit Protection	1
Certifications HMI LED HMI Language - Reporting No Radio Communication No Charging Curve Set 10-05.06.18 & 20-09 & 23-03 // C-arxis No CE Yes U No CE Yes U No Deformander Yes Folders capal/Sh 200 10 Hours capal/Sh 200 10 Hours capal/Sh 33 10 Hours capal/Sh 50 CHARGER DIMENSIONS Yes Weight exct.cables [kg] Yes	Wrong Polarity Protection	Electronic & FUSE
HMI Language HMI Language HMI Language HMI Language Aporting Reporting Rogertation Rogertatio Rogertatio Rogertation Rogertation Rogertation	Cabinet Type	S10
HI language - Reporting No Redio Communication No Charging Curve Set 10-05.06.18 & 20-09 & 23-03 I/O-cards No I/O-cards No E Ves UL Ves B Hours cap.ah/Sh S0 10 Hours cap.ah/Sh 303 10 Hours cap.ah/Sh S0 12 Hours cap.ah/Sh S0 Yeight excl. cables [kg] Yeight excl. cables [kg]	Certifications	
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Radio CommunicationNoCharging Curve Set10-05.06.18 & 20-09 & 23-03I/O-cardsNoCEYesUNoCHARGING TIMES2006 Hours capah/5h23010 Hours capah/5h33310 Hours capah/5h50012 Hours capah/5h500CHARGER DIMENSIONSYesVeight excl. cables [kg]Yes	HMI Language	-
Charging Curve Set Io-05,06,18 & 20-09 & 23-03 I/O-cards No I/O-cards No CE Yes UL No CHARGING TIMES S0 6 Hours cap.ah/5h 200 10 Hours cap.ah/5h 333 10 Hours cap.ah/5h 444 12 Hours cap.ah/5h 500 Veight excl. cables [kg] Yes	Reporting	No
I/O-cardsNoCEYesULNoCHARGING TIMES6 Hours cap.ah/5h208 Hours cap.ah/5h33310 Hours cap.ah/5h44412 Hours cap.ah/5h50CHARGER DIMENSIONSYesWight excl. cables [kg]Yes	Radio Communication	No
CE Yes UL No CHARGING TIMES 6 Hours cap.ah/5h 230 8 Hours cap.ah/5h 333 10 Hours cap.ah/5h 444 12 Hours cap.ah/5h 50 CHARGER DIMENSIONS Vieght excl. cables [kg] Yes	Charging Curve Set	10-05,06,18 & 20-09 & 23-03
UL No CHARGING TIMES 6 Hours capah/5h 230 8 Hours capah/5h 333 10 Hours cap.ah/5h 444 12 Hours cap.ah/5h 550 CHARGER DIMENSIONS Weight excl. cables [kg]	I/O-cards	No
CHARGING TIMES6 Hours cap.ah/5h2308 Hours cap.ah/5h33310 Hours cap.ah/5h44412 Hours cap.ah/5h550CHARGER DIMENSIONSWeight excl. cables [kg]Weight incl. cables [kg]	CE	Yes
6 Hours cap.ah/5h2308 Hours cap.ah/5h33310 Hours cap.ah/5h44412 Hours cap.ah/5h550CHARGER DIMENSIONSWeight excl. cables [kg]Yeight incl. cables [kg]	UL	No
8 Hours cap.ah/5h 333 10 Hours cap.ah/5h 444 12 Hours cap.ah/5h 550 CHARGER DIMENSIONS Weight excl. cables [kg] Weight incl. cables [kg]	CHARGING TIMES	
10 Hours cap.ah/5h 444 12 Hours cap.ah/5h 550 CHARGER DIMENSIONS Weight excl. cables [kg] Veight incl. cables [kg]	6 Hours cap.ah/5h	230
12 Hours cap.ah/5h 550 CHARGER DIMENSIONS Weight excl. cables [kg] Veight incl. cables [kg]	8 Hours cap.ah/5h	333
CHARGER DIMENSIONS Weight excl. cables [kg] Weight incl. cables [kg]	10 Hours cap.ah/5h	444
Weight excl. cables [kg] Weight incl. cables [kg]	12 Hours cap.ah/5h	550
Weight incl. cables [kg]	CHARGER DIMENSIONS	
	Weight excl. cables [kg]	
Outer Dimensions Height [mm] 349	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 No

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