

TECHNICAL DATA

SHARP 100 24V/150A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD	
Part number	SR2521
Model	SHARP 100
Туре	24V/150A
MAINS DATA (50/60HZ)	
Output Voltage [V]	24
Output Current [A]	150
Number of phases	3
Rated Voltage range [V]	380-415
Current at nominal voltage [A]	7.4
Recommended supply fuse [A]	10
Supply cable area	4x1,5 mm2
Supply cable length [m]	3
Typical Supply Connector	CEE16
Output cable cross-section	50 mm2
BATTERY CONNECTION	
Output cable cross-section	50 mm2
Output cable terminals (in unit)	M8
Output cable length [m]	3
Typical Output connector	DIN160
Output Voltage [V]	24
ELECTRIC DATA	
Standby Power Consumption [W]	<10
Power Consumption [W]	4846
Apparent Power Consumption [VA]	5101

Printout date: 2025-01-31

Intende control, do not tripp face of class [A] B Obtain Ripple -5 Efficiency fat ratid power and in cables [%] 9 PROPERTIES Images protection IP20 Analisent temperature range lot full output power) [deg C] 5 to +40 Cooling Commection Short Circuit Protection Yes Winose Plantify Protection Fluid Cobinet Type 377 Certifications EB MMI LBD MILL Language - Reporting No Reporting No Charries 10-040518 & 20-09 UL 10-040518 & 20-09 UC 10-040518 & 20-09 UL 20-040518 & 20-09 UL 10-040518 & 20-09 UL 10-040518 & 20-09 UL 10-040518 &	Power Factor	0.95
PROPERTIES Ingress protection Production Profession Pr	Inrush current, do not tripp fuse of class [A]	В
RPOPERTIES 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 Convection Wrong Polarity Protection Yes Wrong Polarity Protection 517 Certifications CE HMI LED HMI Language - Reporting No Redic Communication No Clearing Curw Sat 10-04,06,18 & 20-09 U.C. acrds No CHARGING TIMES CHARGING TIMES El Hours capalu/5h 861 10 Hours capalu/5h 1250 10 Hours capalu/5h 1668 12 Hours capalu/5h 1000 CHARGER DIMENSIONS 14 Weight nect. cables [kg] 14 Weight nect. cables [kg] 18	Output Ripple	<5
Ingress protection IP20 Ambient temperature range (at full ortput power) [deg C] 5 to 40 Ambient max temp (with reduced output power) [deg C] 50 Coding Convection Short Circuit Protection Yes Wrong Polarity Protection \$17 Cartifications CE HMI LED HMI Language - Reporting No Redio Communication No Clarack Ves U.C. cards No U.C. cards No U.C. cards No CHARGING TIMES Yes El Hours capab/5h 861 B Hours capab/5h 1250 10 Hours capab/5h 1668 B Hours capab/5h 1668 12 Hours capab/5h 1670 CHARGER DIMENSIONS 14 Weight incl. cables [kg] 18	Efficiency (at rated power and no cables) [%]	91
Ambient temperature range (at full output power) [deg C] 50 Cooling 50 Cooling 72 Wrong Polarity Protection 72 Cothinet 1ypo Cot	PROPERTIES	
Ambient max temp (with reduced output power) [deg C] 50 Cooling Convection Short Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type 517 Certifications CE HMI LED HMI I anguage - Reporting No Radio Communication No Charging Curve Set 10-04,06,18 & 20-09 U/O-cards No CE Yes U. No CHARGING TIMES 6 Hours capab/5h 861 8 Hours capab/5h 1520 10 Hours capab/5h 1668 12 Hours capab/5h 1668 12 Hours capab/5h 1678 12 Hours capab/5h 1678 12 Hours capab/5h 1678 12 Hours capab/5h 168 12 Hours capab/5h 168 12 Hours capab/5h 168 12 Hours capab/5h 169 13 Hours capab/5h 169 14 Hours capab/5h </td <td>Ingress protection</td> <td>IP20</td>	Ingress protection	IP20
Cooling Convection Short Circuit Protection Yes Wrong Polarity Protection 517 Cathinet Type 517 Certifications CE HMI LED HMI Language - Reporting No Radio Communication No Charging Curve Set 10-04.0618 & 20-09 U. O-cards No CE Yes U. No CHARGING TIMES Set 6 Hours capath/5h 861 10 Hours capath/5h 1668 12 Hours capath/5h 1668 12 Hours capath/5h 2002 CHARGER DIMENSIONS Weight text. cables [kg] 14 Weight text. cables [kg] 18	Ambient temperature range (at full output power) [deg C]	-5 to +40
Short Circuit Protection Yes Wrong Polarity Protection Fuse Cabinet Type S17 Certifications CE HMI LED HMI Language - Reporting No Radio Communication No Charging Curve Set 10-04.06.18 & 20-09 U. Yes U. No CHARGING TIMES 8 Hours capah/5h 861 8 Hours capah/5h 1250 10 Hours capah/5h 1688 12 Hours capah/5h 1688 12 Hours capah/5h 1688 CHARGER DIMENSIONS Vegint excl. cables [kg] 14 Weight texcl. cables [kg] 18	Ambient max temp (with reduced output power) [deg C]	50
Wrong Polarity Protection Fuse Cabinet Type \$17 Certifications \$E HMI LED HMI Language - Reporting No Radio Communication No Charging Curve Set 10-04,0618 & 20-09 U. Yes U. No CHARGING TIMES ** 8 Hours capah/5h 861 8 Hours capah/5h 1250 10 Hours capah/5h 1688 12 Hours capah/5h 2002 CHARGER DIMENSIONS ** Weight text. cables [kg] 14 Weight time. cables [kg] 18	Cooling	Convection
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I/O-cards No CE Yes UL No CHARGING TIMES 6 Hours cap.ah/5h 861 8 Hours cap.ah/5h 1250 10 Hours cap.ah/5h 1668 12 Hours cap.ah/5h 2002 CHARGER DIMENSIONS Weight excl. cables [kg] 14 Weight incl. cables [kg] 18	Radio Communication	No
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12 Hours cap.ah/5h 2002 CHARGER DIMENSIONS Weight excl. cables [kg] 14 Weight incl. cables [kg] 18	8 Hours cap.ah/5h	1250
CHARGER DIMENSIONS Weight excl. cables [kg] 14 Weight incl. cables [kg] 18	10 Hours cap.ah/5h	1668
Weight excl. cables [kg] 14 Weight incl. cables [kg] 18	12 Hours cap.ah/5h	2002
Weight incl. cables [kg] 18	CHARGER DIMENSIONS	
	Weight excl. cables [kg]	14
Outer Dimensions Height [mm] 417	Weight incl. cables [kg]	18
	Outer Dimensions Height [mm]	417

Outer Dimensions Width [mm]	256
Outer Dimensions Depth [mm]	243
Min Spacing Required	Se User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	21
Box Height [mm]	465
Box Width [mm]	365
Box Depth [mm]	525
CHARGING	
Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-lon	0
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No