

TECHNICAL DATA

SHARP 11 24V/40A BATTERY CHARGERS

Model SHARP 11 Type 24V40A MAINS DATA (50/60HZ) 24 Output Voltage [V] 24 Output Current [A] 40 Number of phases 1 Reted Voltage range [V] 220-240 Current at nominal voltage [A] 5.5 Recommended supply fuse [A] 10 Supply cable length [m] 2.3 Typical Supply Connector 10A Schuko Output cable cross-section 10 mm2 BATTERY CONNECTION User defined Output cable terminals (in unit) M5 Output cable terminals (in unit) M5 Output cable terminals (in unit) User defined Output cable terminals (in unit) 24 ELECTRIC DATA Standby Power Consumption (W) -5 Power Consumption (W) -5 Power Consumption (W) -5	STATED DATA ACCORDING TO MICROPOWER	STANDARD
Type 24V/40A MAINS DATA (50/60HZ) Comput Voltage [V] 24 Output Voltage [V] 40 Amount of phases 1 Reted Voltage range [V] 220-240 Amount of phases 1 Current at nominal voltage [A] 5.5 Amount of phases 10 Recommended supply fuse [A] 10 Amount of phases 10 Supply cable area 3x1,0mm2 Amount of phases 10 Supply cable length [m] 2.3 Amount of phases 10 BATTERY CONNECTION Dutput cable cress-section 10 mm2 BATTERY CONNECTION M5 M5 Output cable length [m] 2 Typical Output connector User defined Output voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] <5	Part number	S12306
MAINS DATA (50/60HZ) Output Voltage [V] 24 Output Current [A] 40 Number of phases 1 Reted Voltage range [V] 220-240 Current at nominal voltage [A] 5,5 Recommended supply fuse [A] 10 Supply cable length [m] 2,3 Typical Supply Connector 10 mm2 Dutput cable cross-section 10 mm2 BATTERY CONNECTION 10 mm2 Output cable length [m] 2 Output cable length [m] 2 Typical Output connector User defined Output cable length [m] 2 Typical Output connector User defined Output cable length [m] 24 ELECTRIC DATA Standby Power Consumption [W] <5	Model	SHARP 11
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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 3x1,0mm2 Supply cable length [m] 2,3 Typical Supply Connector 10A Schuko Output cable cross-section 10 mm2 BATTERY CONNECTION 10 mm2 Output cable length [m] 2 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] -5 Power Consumption [W] -5	Output Voltage [V]	24
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Current at nominal voltage [A] 5.5 Recommended supply fuse [A] 10 Supply cable area 3x1.0mm2 Supply cable length [m] 2,3 Typical Supply Connector 10A Schuko Output cable eross-section 10 mm2 BATTERY CONNECTION Output cable terminals (in unit) M5 Output cable length [m] 2 Typical Output cable length [m] 2 Typical Output cable terminals (in unit) M5 Output cable length [m] 2 ELECTRIC DATA Standby Power Consumption [W] 5,5 Ax1.0mm2 10 mm2 10 mm2	Number of phases	1
Recommended supply fuse [A] 10 Supply cable area 3x1,0mm2 Supply cable length [m] 2,3 Typical Supply Connector 10A Schuko Output cable cross-section 10 mm2 BATTERY CONNECTION Output cable terminals (in unit) M5 Output cable terminals (in unit) M5 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] 55 Power Consumption [W] 100	Rated Voltage range [V]	220-240
Supply cable area 3x1,0mm2 Supply cable length [m] 2,3 Typical Supply Connector 10A Schuko Output cable cross-section 10 mm2 BATTERY CONNECTION Output cable cross-section 10 mm2 Output cable cross-section 10 mm2 Output cable length [m] 10 mm2 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] 55	Current at nominal voltage [A]	5,5
Supply cable length [m] 2,3 Typical Supply Connector 10A Schuko Output cable cross-section 10 mm2 BATTERY CONNECTION Output cable cross-section 10 mm2 Output cable terminals (in unit) M5 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 1307	Recommended supply fuse [A]	10
Typical Supply Connector 10A Schuko Output cable cross-section 10 mm2 BATTERY CONNECTION Output cable cross-section 10 mm2 Output cable leross-section 10 mm2 Output cable lerminals (in unit) M5 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 1307	Supply cable area	3x1,0mm2
Output cable cross-section 10 mm2 BATTERY CONNECTION Output cable cross-section 10 mm2 Output cable terminals (in unit) M5 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] 55 Power Consumption [W] 1307	Supply cable length [m]	2,3
BATTERY CONNECTION Output cable cross-section 10 mm2 Output cable terminals (in unit) M5 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] 55 Power Consumption [W] 1307	Typical Supply Connector	10A Schuko
Output cable cross-section 10 mm2 Output cable terminals (in unit) M5 Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 1307	Output cable cross-section	10 mm2
Output cable terminals (in unit) Output cable length [m] Typical Output connector Output Voltage [V] ELECTRIC DATA Standby Power Consumption [W]	BATTERY CONNECTION	
Output cable length [m] 2 Typical Output connector User defined Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 1307	Output cable cross-section	10 mm2
Typical Output connector Output Voltage [V] ELECTRIC DATA Standby Power Consumption [W] Power Consumption [W] 1307	Output cable terminals (in unit)	M5
Output Voltage [V] 24 ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 1307	Output cable length [m]	2
ELECTRIC DATA Standby Power Consumption [W] <5 Power Consumption [W] 1307	Typical Output connector	User defined
Standby Power Consumption [W] <5 Power Consumption [W] 1307	Output Voltage [V]	24
Power Consumption [W] 1307	ELECTRIC DATA	
	Standby Power Consumption [W]	<5
Apparent Power Consumption [VA] 1320	Power Consumption [W]	1307
	Apparent Power Consumption [VA]	1320

Power Factor	0,99
Inrush current, do not tripp fuse of class [A]	В
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	92
PROPERTIES	
Ingress protection	IP66
Ambient temperature range (at full output power) [deg C]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	55
Cooling	Convection
Short Circuit Protection	1
Wrong Polarity Protection	Fuse
Cabinet Type	S40
Certifications	CE
HMI	LED
HMI Language	-
Reporting	No
Radio Communication	No
Charging Curve Set	N/A
I/O-cards	Optional
CE	Yes
UL	No
CHARGING TIMES	
6 Hours cap.ah/5h	235
8 Hours cap.ah/5h	340
10 Hours cap.ah/5h	445
12 Hours cap.ah/5h	550
CHARGER DIMENSIONS	
Weight excl. cables [kg]	3.2
Weight incl. cables [kg]	3.9

Outer Dimensions Width [mm]	230
Outer Dimensions Depth [mm]	80
Min Spacing Required	See User Manual
SHIPPING DIMENSIONS	
Shipping Weight [kg]	4.5
Box Height [mm]	135
Box Width [mm]	380
Box Depth [mm]	250
CHARGING	
Charging Ionic	LK10-18 Ionic mixture
Charging Standard	LK10-06 Standard Curve
Charging Gel	LK20-09
Charging Li-lon	YES
Charging AGM	LK20-09
Moisture Resistance	No
Dusty Environment	No
Outdoor use	No
Cold store	No
Tropical	No