

## **TECHNICAL DATA**

## SHARP 100 24V/170A BATTERY CHARGERS

## STATED DATA ACCORDING TO MICROPOWER STANDARD

DC Rating241/170APart numberSS2563Model code1AB7701Part statusReleasedSUPPLYNumber of phasesNumber of phases3Rated Valtage range [V]208-240Nominal Valtage [V]208Rated frequency [Hz]50-60Current at nominal valtage [A]16Current at nominal valtage [A]16Current at min rated valtage [A]14Recommended supply tase classCRecommended RCBE classBSupply cable area4/2.5 mm2Supply cable area4/2.5 mm2Supply cable area4/2.5 mm2Standby Power Consumption [W]5/453Aparent Power Consumption [W]5/400Power factor0.95Incade ourment [mail325	Family	SHARP 100
Model code1A57701Part statusReleasedSUPPLYSupplerNumber of phases3Rated Voltage range [V]208-240Nominal Voltage [V]208Rated frequency [Hz]50-60Current at nominal voltage [A]16Current at nominal voltage [A]16Current at min rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x25 mm2Supply cable area4x25 mm2Supply cable area6EE16Standby Power Consumption [W]5453Aparent Power Consumption [VA]5740Power Factor0.95	DC Rating	24V/170A
Part statusReleasedSUPPLYReleasedNumber of phases3Rated Voltage range [V]208-240Nominal Voltage [V]208Rated frequency [Hz]50-60Current at nominal voltage [A]16Current at max rated voltage [A]16Current at max rated voltage [A]14Recommended RCCB classBSupply cable area4x2,5 mm2Supply cable length [m]72,5Typical Supply ConnectorCEE16Standby Power Consumption [W]410Power Consumption [W]5453Aparent Power Consumption [VA]5740Power Factor0,35	Part number	SS2563
SUPPLYNumber of phases3Rated Voltage range [V]208-240Nominal Voltage [V]208Rated frequency [Hz]50-60Current at nominal voltage [A]16Current at nominal voltage [A]16Current at max rated voltage [A]14Recommended supply fuse class0Recommended RCCB classBSupply cable area442,5 mm2Supply cable length [m]72,5Typical Supply ConnectorCEE16Standby Power Consumption [W]410Power Consumption [W]5453Aparent Power Consumption [VA]5740Power Factor0,95	Model code	1AB7701
Number of phases3Rated Voltage range [V]208-240Nominal Voltage [V]208Rated frequency [Hz]50-60Current at noninal voltage [A]16Current at min rated voltage [A]16Current at min rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable length [m]22,5Typical Supply ConnectorCEE16Standby Power Consumption [W]410Power Factor5453Aparent Power Consumption [VA]5740Power Factor0,95	Part status	Released
Rated Voltage range [V]208-240Nominal Voltage [V]208Rated frequency [Hz]50-60Current at nominal voltage [A]16Current at min rated voltage [A]16Current at max rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x2,5 mm2Supply cable area52,5Typical Supply ConnectorCEE16Standby Power Consumption [W]-10Power Consumption [W]5453Aparent Power Consumption [VA]5740Power Factor0,95	SUPPLY	
Nominal Voltage [V]208Rated frequency [Hz]50-60Current at nominal voltage [A]16Current at min rated voltage [A]16Current at min rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x2,5 mm2Supply cable area22,5Typical Supply ConnectorCEE16Standby Power Consumption [W]5453Power Consumption [W]5453Apparent Power Consumption [VA]5740Power Factor0,95	Number of phases	3
Rated frequency [Hz]50-60Current at nominal voltage [A]16Current at min rated voltage [A]16Current at max rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x2,5 mm2Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]-10Power Consumption [W]5453Apparent Power Factor0,95	Rated Voltage range [V]	208-240
Current at nominal voltage [A]16Current at min rated voltage [A]16Current at min rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x2,5 mm2Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]5453Apparent Power Eansumption [VA]5740Power Factor0,95	Nominal Voltage [V]	208
Current at min rated voltage [A]16Current at max rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x2,5 mm2Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]<10	Rated frequency [Hz]	50-60
Current at max rated voltage [A]14Recommended supply fuse classCRecommended RCCB classBSupply cable area4x2,5 mm2Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]<10	Current at nominal voltage [A]	16
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Recommended RCCB classBSupply cable area4x2,5 mm2Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]<10	Current at max rated voltage [A]	14
Supply cable area4x2,5 mm2Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]<10	Recommended supply fuse class	С
Supply cable length [m]?2,5Typical Supply ConnectorCEE16Standby Power Consumption [W]<10	Recommended RCCB class	В
Typical Supply ConnectorCEE16Standby Power Consumption [W]<10	Supply cable area	4x2,5 mm2
Standby Power Consumption [W]<10Power Consumption [W]5453Apparent Power Consumption [VA]5740Power Factor0,95	Supply cable length [m]	?2,5
Power Consumption [W]5453Apparent Power Consumption [VA]5740Power Factor0,95	Typical Supply Connector	CEE16
Apparent Power Consumption [VA] 5740   Power Factor 0,95	Standby Power Consumption [W]	<10
Power Factor 0,95	Power Consumption [W]	5453
	Apparent Power Consumption [VA]	5740
Leakage current [mÅ] <3.5	Power Factor	0,95
	Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%] 90	Efficiency (at rated power and no cables) [%]	90

OUTPUT DATA	
Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	24
Output Current [A]	170
Output cable cross-section	70 mm2
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	DIN320
Output fuse, rating [A/VDC]	200A/150VDC
Output fuse type	Fast Semiconductor fuse
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
Ambient storage and transport temperature [C]	-40 to +80/1000h
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%rh]	90
Cooling	Convection
Cabinet Type	S18
Certifications	CE
Cloud connection	No
User interface	LED
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	No
Reporting	No
Radio communication	No
CHARGER DIMENSIONS	
Weight excl. cables [kg]	16
Charger dimensions [mm]	529x256x243

SHIPPING DIMENSIONS	G DIMENSIONS	
Box dimensions [mm]	650x370x440	
Shipping Weight [kg]	25	

The information in this document is subject to change without notice and should not be construed as a commitment by Micropower Sweden AB.

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