MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

SHARP 100 24V/170A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	SHARP 100
DC Rating	24V/170A
Part number	SS2563
Model code	1AB7701
Part status	Released

SUPPLY

Number of phases	3
Rated Voltage range [V]	208-240
Nominal Voltage [V]	208
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	16
Current at min rated voltage [A]	16
Current at max rated voltage [A]	14
Recommended supply fuse class	C
Recommended RCCB class	B
Supply cable area	4x2,5 mm2
Supply cable length [m]	□2.5
Typical Supply Connector	CEE16
Standby Power Consumption [W]	<10
Power Consumption [W]	5453
Apparent Power Consumption [VA]	5740
Power Factor	0,95
Leakage current [mA]	<3,5
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
Operation Temperature [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 [%]	90
Cooling	Fan
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

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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Printout date: 2026-10-22