

TECHNICAL DATA

SHARP 100 80V/40A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	SHARP 100
DC Rating	80V/40A
Part number	SR6301
Model code	1AB7503
Part status	Released

SUPPLY

Number of phases	3
Rated Voltage range [V]	380-415
Nominal Voltage [V]	400
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	6.2
Current at min rated voltage [A]	6.5
Current at max rated voltage [A]	6.0
Recommended supply fuse class	B
Recommended RCCB class	A
Supply cable area	4x1,5 mm ²
Supply cable length [m]	3
Typical Supply Connector	GCE16
Standby Power Consumption [W]	<10
Power Consumption [W]	4112
Apparent Power Consumption [VA]	4328
Power Factor	0,95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	94

OUTPUT DATA

Output Voltage [V]	80
Output Current [A]	40
Output cable cross-section	10 mm ²
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	DIN80
Output fuse, rating [A/VDC]	80A/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
Cabinet Type	S17
Certifications	CE
Cloud connection	No
Charging Curve Set	10-04,06,18 & 20-09
I/O-cards	No
Reporting	No
Radio communication	No

CHARGER DIMENSIONS

Weight excl. cables [kg]	14.3
Charger dimensions [mm]	417x256x243

SHIPPING DIMENSIONS

Box dimensions [mm]	465x365x525
Shipping Weight [kg]	18.3

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