MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

ACCESS 100 24V/150A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	ACCESS 100
DC Rating	24V/150A
Part number	AR2521
Model code	1AA7501
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]	7,4
Current at min rated voltage [A]	7,8
Current at max rated voltage [A]	7,1
Recommended supply fuse class	C
Recommended RCCB class	B
Supply cable area	4x1,5 mm2
Supply cable length [m]	?2,5
Typical Supply Connector	CEE16
Standby Power Consumption [W]	<10
Power Consumption [W]	4846
Apparent Power Consumption [VA]	5101
Power Factor	0,95
Leakage current [mA]	<3,5
Efficiency (at rated power and no cables) [%]	91

OUTPUT DATA

Reversed polarity protection	Fuse
Short Circuit Protection	Yes
Output Voltage [V]	24
Output Current [A]	150
Output cable cross-section	50 mm2
Output cable length [m]	3
Output cable terminals (in unit)	M8
Typical Output connector	DIN160
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	A17
Certifications	CE
Cloud connection	Yes
User interface	LED/Display
Charging Curve Set	Multiple Lead
I/O-cards	Optional
Reporting	Yes
Radio communication	Yes

CHARGER DIMENSIONS

Weight excl. cables [kg]	14
Charger dimensions [mm]	417x256x243

SHIPPING DIMENSIONS

Box dimensions [mm]	465x365x525
Shipping Weight [kg]	21

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