MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

ACCESS 50 36V/105A BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	ACCESS 50
DC Rating	36V/105A
Part number	AP3433
Model code	1AA6005
Part status	Released

SUPPLY

Number of phases	3
Rated Voltage range [V]	200-240
Nominal Voltage [V]	200
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	15,3
Current at min rated voltage [A]	15,3
Current at max rated voltage [A]	12,8
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]	<5
Power Consumption [W]	5045
Apparent Power Consumption [VA]	5311
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]	36
Output Current [A]	105
Output cable cross-section	35 mm2
Output cable length [m]	3
Output cable terminals (in unit)	M6
Typical Output connector	DIN160
Output fuse, rating [A/VDC]	150A/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	A16
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]	6
Charger dimensions [mm]	387x266x152

SHIPPING DIMENSIONS

Box dimensions [mm]	260x325x550
Shipping Weight [kg]	11

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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