MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

RC7 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	RC7
DC Rating	48V/12A
Part number	RD4161-C4
Model code	2A1F931
Part status	Released

SUPPLY

Number of phases	1
Rated Voltage range [V]	100-240
Nominal Voltage [V]	120/230
Rated frequency [Hz]	50-60
Current at nominal voltage [A]	6,3/3,3
Current at min rated voltage [A]	7,6
Current at max rated voltage [A]	3,2
Recommended supply fuse class	C
Recommended RCCB class	A
Supply cable area	-
Supply cable length [m]	-
Typical Supply Connector	IEC 60320 Type C16, IP67
Standby Power Consumption [W]	<3
Power Consumption [W]	750
Apparent Power Consumption [VA]	765
Power Factor	0,98
Leakage current [mA]	<1
Efficiency (at rated power and no cables) [%]	96

OUTPUT DATA

Reversed polarity protection	YES
Short Circuit Protection	Yes
Output Voltage [V]	48
Output Current [A]	12
Output cable cross-section	-
Output cable length [m]	-
Output cable terminals (in unit)	M6 & M8
Typical Output connector	-
Output fuse, rating [A/VDC]	60A/72VDC
Output fuse type	non-replaceable, medium acting

PROPERTIES

Ingress protection	IP67
Operation Temperature [deg C]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	+70
Ambient storage and transport temperature [C]	-40 to +85/1000h
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%]	95
Cooling	Base Plate / Convection
Cabinet Type	R2
Certifications	CE/UL
Cloud connection	No
User interface	LED
Charging Curve Set	Multiple Lead/Lilon/CAN
I/O-cards	No
Reporting	No
Radio communication	No

CHARGER DIMENSIONS

Weight excl. cables [kg]	2
Charger dimensions [mm]	122x73x278

SHIPPING DIMENSIONS

Box dimensions [mm]	-x-x-
Shipping Weight [kg]	

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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