MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

RC10 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Family	RC10
DC Rating	48V/18A
Part number	RD4221-C1
Model code	2A1F930
Part status	Released

SUPPLY

Mains Phase	1
Input Voltage [V]	100-240
Nominal Voltage [V]	120/230
Rated frequency [Hz]	50-60
Max Mains Current (at nominal mains V) [A]	7,0/4,8
Current at min rated voltage [A]	8,4
Current at max rated voltage [A]	4,6
Recommended supply fuse class	C
Recommended RCCB class	A
Mains Cable Area [mm2]	-
Mains Cable Length [m]	-
Mains Connector	IEC 60320 Type C16, IP67
Standby Power Consumption [W]	<3
Power Consumption [W]	1083
Apparent Power Consumption [VA]	1105
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]	18
Battery Cable [mm2]	-
Battery Cable Length [m]	-
Battery Cable Connection (in charger)	M6 & M8
Battery Connector (not included)	-
Output fuse, rating [A/VDC]	60A/72VDC
Output fuse type	non-replaceable, medium acting

PROPERTIES

IP Protection	IP67
Operation Temperature [deg C]	-35 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	+70
Ambient storage and transport temperature [C]	-40 to +85/1000h
Maximum operating altitude [m]	2000
Maximum humidity, non-condensing [%rh]	95
Cooling	Base Plate / Convection
Cabinet Type	R2
Certifications	CE/UR
Cloud connection	No
User interface	LED
Charging Curve Set	Multiple Lead/Lilon/CAN
I/O-cards	No
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	No

CHARGER DIMENSIONS

Charger 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.

Micropower Group
Gullhallavägen 20
SE-352 50 Växjö
Sweden

Phone: +46 (0) 470-72 74 00
sales@micropower.se
www.micropower-group.se