MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

TECHNICAL DATA

RC7 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	RD4161-C300000-00
Model	RC7
Type	48V/12A
MAINS DATA (50/60HZ)	
Output Voltage [V]	48
Output Current [A]	12
Mains Phase	1
Input Voltage [V]	100-240
Max Mains Current (at nominal mains V) [A]	6,3/3,3
Recommended Mains Fuse [A]	10
Mains Cable Area [mm2]	
Mains Cable Length [m]	
Mains Connector	
Battery Cable [mm2]	
BATTERY CONNECTION	
Battery Cable [mm2]	
Battery Cable Connection (in charger)	M6 & M8
Battery Cable Length [m]	
Battery Connector (not included)	
Output Voltage [V]	48
ELECTRIC DATA	
Standby Power Consumption [W]	<3
Power Consumption [W]	750
Apparent Power Consumption [VA]	765

Power Factor	0,98
Inrush Current [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	96

PROPERTIES

IP Protection	IP67
Operation Temperature [deg C]	-35 to +40
Ambient Max Temperature (with reduced capacity) [deg C]	70
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Yes
Cabinet Type	R2
Certifications	CE/UR
HMI	LED
HMI Language	
Bluetooth/ NFC connectivity	No
Remote connectivity & advanced software functions	No
Charging Curve Set	Multiple Lead / Li-Ion
I/O-cards	No
CE	Yes
UL	No

CHARGING TIMES

6 Hours cap.ah/5h	
8 Hours cap.ah/5h	
10 Hours cap.ah/5h	
12 Hours cap.ah/5h	

CHARGER DIMENSIONS

Charger Weight excl. Cables [kg]	2
Charger Weight incl. Cables [kg]	
Outer Dimensions Height [mm]	122

Outer Dimensions Width [mm]	73
Outer Dimensions Depth [mm]	278
Min Spacing Required	See User Manual

SHIPPING DIMENSIONS

Shipping Weight [kg]	
Box Height [mm]	
Box Width [mm]	
Box Depth [mm]	

CHARGING

Charging Ionic	
Charging Standard	
Charging Gel	
Charging Li-Ion	
Charging AGM	
Moisture Resistance	Yes
Dusty Environment	Yes
Outdoor use	No
Cold store	Yes
Tropical	Yes

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

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