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
Number of phases	1
Rated Voltage range [V]	100-240
Current at nominal voltage [A]	6,3/3,3
Recommended supply fuse [A]	10
Supply cable area	
Supply cable length [m]	
Typical Supply Connector	
Output cable cross-section	
BATTERY CONNECTION	
Output cable cross-section	
Output cable terminals (in unit)	M6 & M8
Output cable length [m]	
Typical Output connector	
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, do not tripp fuse of class [A]	B
Output Ripple	<5
Efficiency (at rated power and no cables) [%]	96

PROPERTIES

Ingress protection	IP67
Operation Temperature [deg C]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	70
Cooling	Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Yes
Cabinet Type	R2
Certifications	CE/UR
HMI	LED
HMI Language	
Reporting	No
Radio Communication	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

Weight excl. cables [kg]	2
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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