

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

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