

TECHNICAL DATA

MICROPOWER RC7 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	RD4161
Model	Micropower 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]	-
Supply cable area	N/A
Supply cable length [m]	N/A
Typical Supply Connector	IEC 60320 Type C16, IP67
Output cable cross-section	N/A

BATTERY CONNECTION

Output cable cross-section	N/A
Output cable terminals (in unit)	M6 & M8
Output cable length [m]	N/A
Typical Output connector	Molex MX120G 12pin
Output Voltage [V]	48

ELECTRIC DATA

Standby Power Consumption [W]	3
Power Consumption [W]	750
Apparent Power Consumption [VA]	765

Power Factor	0,97 - 0,98
Inrush current, do not tripp fuse of class [A]	
Output Ripple	
Efficiency (at rated power and no cables) [%]	96

PROPERTIES

Ingress protection	IP67
Ambient temperature range (at full output power) [deg C]	-35 to +40
Ambient max temp (with reduced output power) [deg C]	70
Cooling	Baseplate cooled / Convection
Short Circuit Protection	Yes
Wrong Polarity Protection	Yes
Cabinet Type	R2
Certifications	CE / UL-R
HMI	LED
HMI Language	
Reporting	No
Radio Communication	No
Charging Curve Set	Multiple Lead / Li-Ion
I/O-cards	No
CE	Yes
UL	Yes

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]	2.2
Weight incl. cables [kg]	
Outer Dimensions Height [mm]	277

Outer Dimensions Width [mm]	122
Outer Dimensions Depth [mm]	72
Min Spacing Required	

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 E.D. Marketing AB.