

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