

## TECHNICAL DATA

# MICROPOWER RC7 BATTERY CHARGERS

### STATED DATA ACCORDING TO MICROPOWER STANDARD

Part number	RD3201
Model	Micropower RC7
Type	36V/16A

#### MAINS DATA (50/60HZ)

Output Voltage [V]	36
Output Current [A]	16
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]	36

#### ELECTRIC DATA

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

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

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

6 Hours cap.ah/5h	
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8 Hours cap.ah/5h	
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10 Hours cap.ah/5h	
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12 Hours cap.ah/5h	
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## CHARGER DIMENSIONS

Weight excl. cables [kg]	2.2
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Weight incl. cables [kg]	
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Outer Dimensions Height [mm]	277
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Outer Dimensions Width [mm]	122
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Outer Dimensions Depth [mm]	72
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Min Spacing Required

## SHIPPING DIMENSIONS

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

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