

TECHNICAL DATA

MICROPOWER RC7 BATTERY CHARGERS

STATED DATA ACCORDING TO MICROPOWER STANDARD

| | |
|-------------|----------------|
| Part number | RD1321 |
| Model | Micropower RC7 |
| Type | 12V/50A |

MAINS DATA (50/60HZ)

| | |
|--------------------------------|--------------------------|
| Output Voltage [V] | 12 |
| Output Current [A] | 50 |
| 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] | 12 |

ELECTRIC DATA

| | |
|---------------------------------|-----|
| Standby Power Consumption [W] | 3 |
| Power Consumption [W] | 758 |
| Apparent Power Consumption [VA] | 773 |

| | |
|--|-------------|
| Power Factor | 0,97 - 0,98 |
| Inrush current, do not tripp fuse of class [A] | - |
| Output Ripple | - |
| Efficiency (at rated power and no cables) [%] | 95 |

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 |