

# Safety Information

## General safety precautions

Review the following precautions to avoid personal injury and prevent damage to this product or products to which it is connected. To avoid potential hazards, use the product only as specified.

Read all safety information provided in the component product user manuals and on product labels, and understand the precautions associated with safety symbols, written warnings, and cautions before accessing parts or locations within the unit. Save this document for future reference.

## Additional information

Product manuals, news, data sheets, and support information are available on the RadisyS Web site at [www.radisyS.com](http://www.radisyS.com). Contact your RadisyS sales representative if you have sales questions or need additional support information.

## AC power safety warnings

**For AC systems**, use only a power cord with a grounded plug and always make connections to a grounded main.

The AC power cord is the unit's main disconnecting device. The power socket-outlet shall be installed near the equipment and shall be easily accessible. Auxiliary AC on/off switches and circuit breaker switches are for power-control functions only (NOT THE MAIN DISCONNECT).

## Lifting and rack mount enclosure safety

Some products may be intended for stationary rack mounting. Mount in a rack designed to meet the physical strength requirements of NEBS GR-63-CORE and NEBS GR 487. Disconnect all power sources and external connections prior to installing or removing the unit from a rack.

### WARNING!

- Some systems may be too heavy for one person to lift.
- Secure all mounting bolts when rack mounting the enclosure

March 2019 (Rev. 2)

© 2008-2009, 2011, 2013, 2019 by RadisyS Corporation. All rights reserved.

RadisyS is a registered trademark of RadisyS Corporation.. All other trademarks, registered trademarks, service marks, and trade names are the property of their respective owners.

RadisyS assumes no responsibility for errors or omissions in this document. Nor does RadisyS make any commitment to update the information contained herein. Information in this document is provided in connection with RadisyS products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in RadisyS's Terms and Conditions for Sale for such products, RadisyS assumes no liability whatsoever, and RadisyS disclaims any express or implied warranty, relating to sale and/or use of RadisyS products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. RadisyS products are not intended for use in medical, life saving, or life sustaining applications.

## CAUTION!

- Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>) specified by the manufacturer.
- Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
- Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips). The separate protective earthing terminal provided on this product shall be permanently connected to earth

## Electrical shock hazard

To avoid electric overload, heat, shock, or fire hazard, you must take special measures and precautions using these products.

### WARNING!

- For units with multiple power sources, be sure to disconnect all external power connections before servicing the chassis.
- Do not operate in wet, damp, or condensing conditions.
- The system should not be operated with the faceplates, blank panels, or covers removed. Some voltages on the board and inside the chassis present an electrical shock and/or energy hazard to the user. Keep hands out of the chassis when power is applied.

March 2019 (Rev. 2)

© 2008-2009, 2011, 2013, 2019 by RadisyS Corporation. All rights reserved.

RadisyS is a registered trademark of RadisyS Corporation.. All other trademarks, registered trademarks, service marks, and trade names are the property of their respective owners.

RadisyS assumes no responsibility for errors or omissions in this document. Nor does RadisyS make any commitment to update the information contained herein. Information in this document is provided in connection with RadisyS products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in RadisyS's Terms and Conditions for Sale for such products, RadisyS assumes no liability whatsoever, and RadisyS disclaims any express or implied warranty, relating to sale and/or use of RadisyS products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. RadisyS products are not intended for use in medical, life saving, or life sustaining applications.

- Only connect the system to a properly rated supply circuit, as specified in the product user manual. Do not make connections to any terminal outside the range specified for that terminal. See the product user manual for correct connections.
- Any repairs inside the chassis must be performed only by qualified SERVICE PERSONNEL.

### **AC system warnings**

- To avoid shock, ensure that the chassis power cables are connected to a properly wired and grounded receptacle.
- Verify power cord and outlet compatibility, and use the appropriate power cords for your power outlet configurations. Visit <http://electricaloutlet.org> for additional information.

## **Environmental precautions and hazards**

### **WARNING!**

- To avoid injury, fire hazard, or explosion, do not operate this product in an explosive atmosphere.
- Be careful when removing modules. Do not touch the module's heat sink. It may be hot to the touch.

### **CAUTION!**

- Products with fiber interfaces contain Class 1 laser devices. Class 1 lasers are not considered to be hazardous. All adjustments have been made at the factory prior to shipment of the devices. No maintenance or alteration to the device is required. Do not tamper with or modify the performance of the device.

## **Child care and mechanical hazards**

### **WARNING!**

Moving fans inside the chassis. This equipment is not suitable for use in locations where children are likely to be present.

March 2019 (Rev. 2)

© 2008-2009, 2011, 2013, 2019 by RadisyS Corporation. All rights reserved.

RadisyS is a registered trademark of RadisyS Corporation.. All other trademarks, registered trademarks, service marks, and trade names are the property of their respective owners.

RadisyS assumes no responsibility for errors or omissions in this document. Nor does RadisyS make any commitment to update the information contained herein. Information in this document is provided in connection with RadisyS products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in RadisyS's Terms and Conditions for Sale for such products, RadisyS assumes no liability whatsoever, and RadisyS disclaims any express or implied warranty, relating to sale and/or use of RadisyS products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. RadisyS products are not intended for use in medical, life saving, or life sustaining applications.

## Equipment identification marking – Manufacturer identification

RADISYS CORPORATION  
5435 NE DAWSON CREEK DR  
HILLSBORO OR 97124-5797  
UNITED STATES

## Equipment identification marking – model identification

RMS420-C610-072  
RMS420-C610-073  
RMS420-C610-074  
RMS420-C610-075  
RMS420-C610-076

## Equipment rating marking – ratings

Input Ratings:

100-240 Vac, 10 A max, 50-60 Hz

## Replaceable batteries

### CAUTION!

- Risk of Explosion if Battery is replaced by an Incorrect Type
- Lithium batteries are not field-replaceable units. There is a danger of explosion if a battery is incorrectly replaced or handled. Do not disassemble or recharge the battery. Return the unit to Radisy for battery service.

March 2019 (Rev. 2)

© 2008-2009, 2011, 2013, 2019 by Radisy Corporation. All rights reserved.

Radisy is a registered trademark of Radisy Corporation.. All other trademarks, registered trademarks, service marks, and trade names are the property of their respective owners.

Radisy assumes no responsibility for errors or omissions in this document. Nor does Radisy make any commitment to update the information contained herein. Information in this document is provided in connection with Radisy products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Radisy's Terms and Conditions for Sale for such products, Radisy assumes no liability whatsoever, and Radisy disclaims any express or implied warranty, relating to sale and/or use of Radisy products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Radisy products are not intended for use in medical, life saving, or life sustaining applications.