Residential/Light Commercial Generator Accessories

KOHLER.POWER SYSTEMS

ISO 9001
KOHLER
POWER SYSTEMS
NATIONALLY REGISTERED

OnCue® User Interface – Power Chain View

OnCue® User Interface – Gauges View

Applicable Models

- RDC2 or DC2 Controller
  - 14/20RESA and 14/20RESAL
  - 48RCL
- RDC or DC Controller
  - 14/20RES and14/20RESL

OnCue® Features

- **NEW!** Power Chain View which monitors your Kohler® generator set, RXT automatic transfer switch, Load Control Module (LCM), and Programmable Interface Module (PIM) from any location in the world with Internet access.*

- **NEW!** Control home automation when generator set is paired with a Programmable Interface Module (PIM). Remotely turn on or off appliances, outdoor lighting, storm shutters, etc.*

- **NEW!** RDC2/DC2 controllers have built-in Ethernet capability.

- Receive generator set start/stop and fault messages by email or SMS text message. Kohler® OnCue® server sends email and text messages anytime, without requiring your computer to be turned on.

- Install OnCue software on one or more personal computers.

- Monitor multiple generator sets. Navigation panel displays status information for multiple generator systems and allows easy selection of one generator set for detailed monitoring and control.

- Start exercises from your computer.

- Stop the generator set exercise and clear faults from your computer.

- View time- and date-stamped event history listing generator set starting and stopping, faults, and notifications.

- Simple connection and setup – just enter generator set serial number, controller password, and activation code (if required). No router setup is required.

- Controller password and generator set serial number protect against access by unauthorized users.

- All Ethernet communication is fully authenticated and encrypted for privacy.

* RXT ATS, LCM, and PIM can be used with generator sets equipped with the RDC2 or DC2 controller.

View System Operation Data

Generator Set

- Generator set running or stopped
- Generator output frequency, Hz
- Generator output voltage, VAC
- Engine speed, RPM
- Engine starting battery voltage, VDC
- Engine run time, hours
- Fault indication with description
- Generator operation event history
- Status information for multiple generator sets displayed in the navigation panel

ATS (RXT only)*

- Source availability
- ATS position

Load Control Module (LCM)*

- View current loads and shed loads
- Dual color LEDs for each load indicate load status (powered or shed) and flash to indicate a test
- Change load labels to identify what loads are powered and shed
- See G6-120 for more information

Programmable Interface Module (PIM)*

- View relay status
- Green/red LEDs to indicate on/off
- Change input and output labels
- See G6-121 for more information

* RXT ATS, LCM, and PIM can be used with generator sets equipped with the RDC2 or DC2 controller.

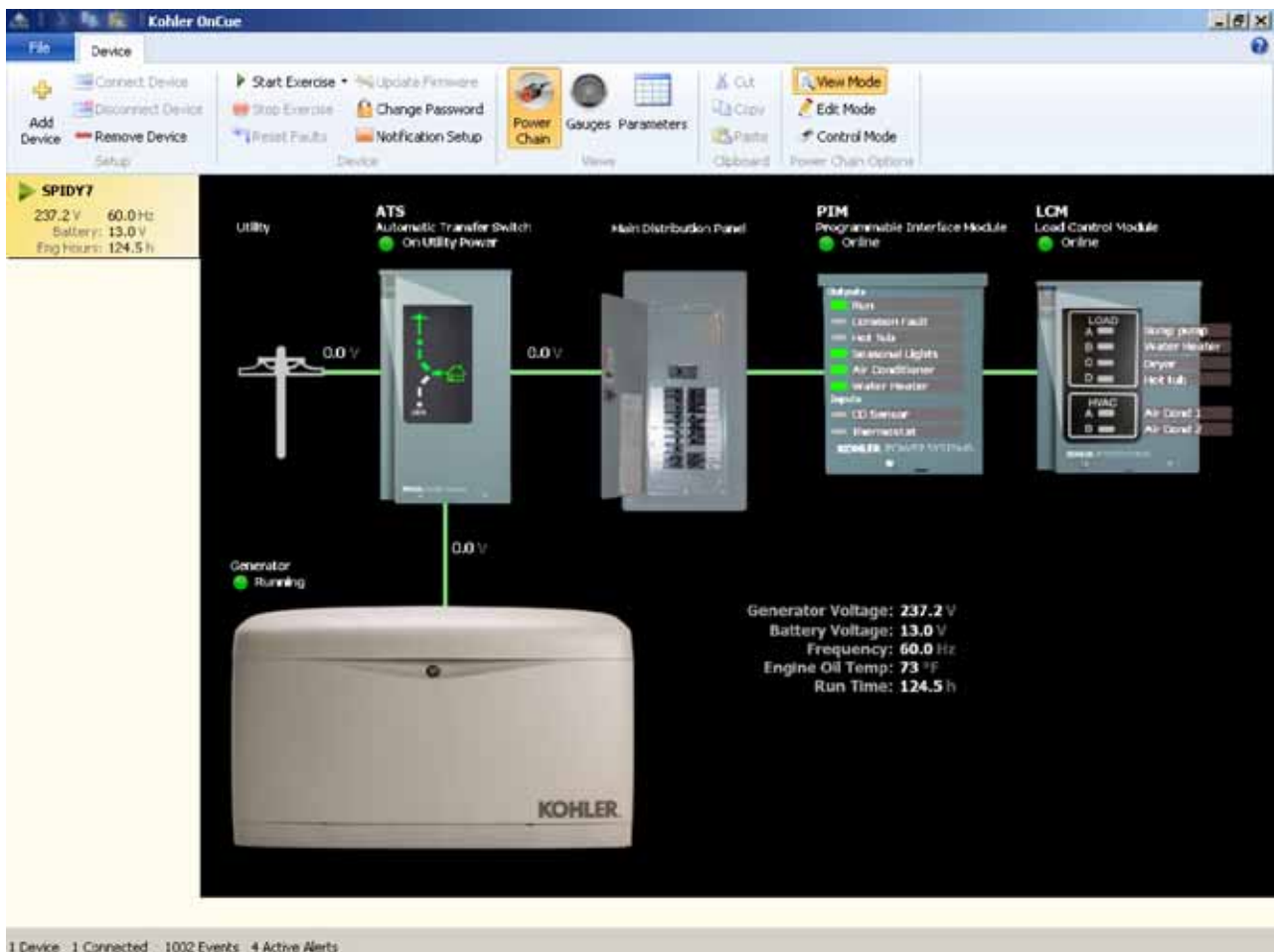# Remote Control/Home Automation

Generator Set

- Start/Stop exercises remotely
- Clear or reset faults remotely

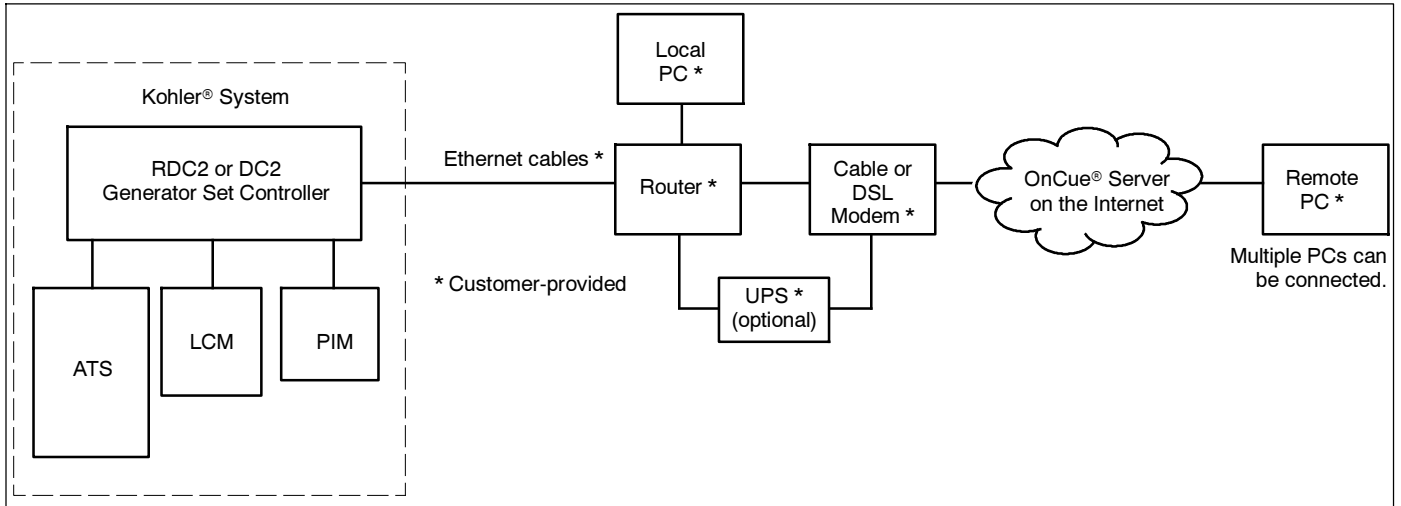## Programmable Interface Module (PIM)*

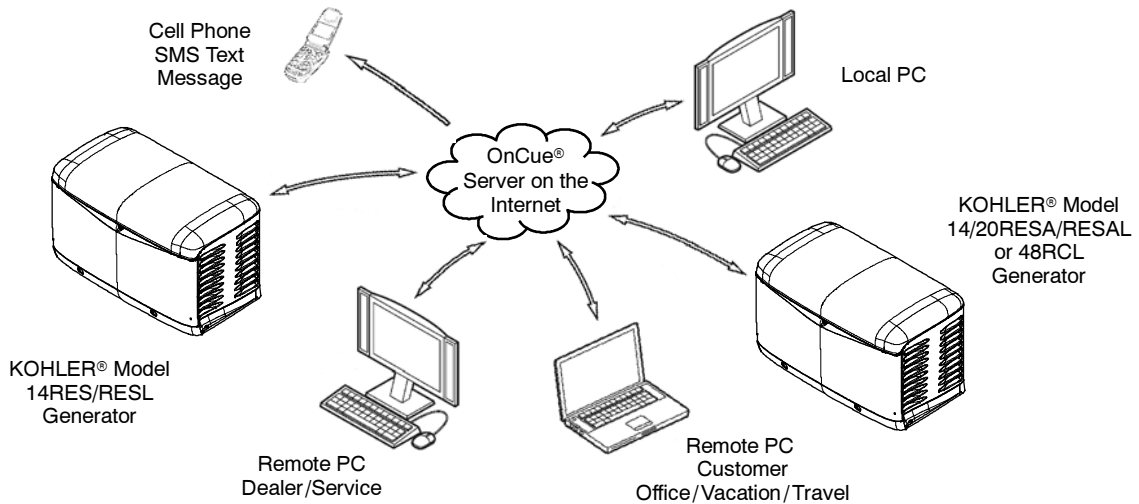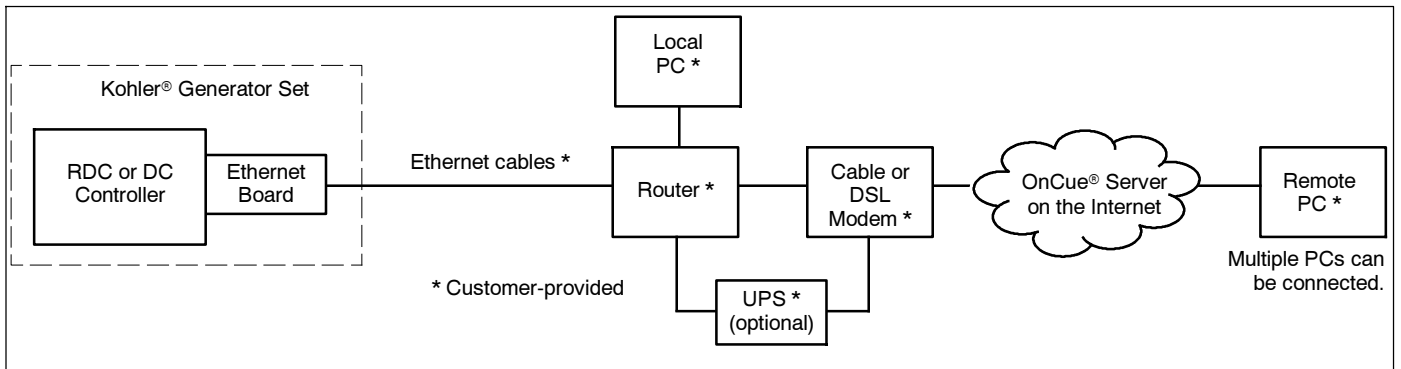- Turn on and off relays remotely

Power Chain View

Typical Connections

RDC2/DC2 Controller

Kohler® System

RDC2 or DC2 Generator Set Controller

ATS LCM PIM

Ethernet cables *

Local PC *

Router *

Cable or DSL Modem *

UPS * (optional)

OnCue® Server on the Internet

Remote PC *

Multiple PCs can be connected.

* Customer-provided

RDC/DC Controller

Kohler® Generator Set

RDC or DC Controller Ethernet Board

Ethernet cables *

Local PC *

Router *

Cable or DSL Modem *

UPS * (optional)

OnCue® Server on the Internet

Remote PC *

Multiple PCs can be connected.

* Customer-provided

Cell Phone SMS Text Message

Local PC

OnCue® Server on the Internet

KOHLER® Model 14/20RESA/RESAL or 48RCL Generator

KOHLER® Model 14RES/RESL Generator

Remote PC Dealer/Service

Remote PC Customer Office/Vacation/Travel

Ethernet Option Board Specifications (RDC/DC controller only)

- Environmental specifications:
  - Operating temperature: –30°C to 70°C (–22°F to 158°F)
  - Storage temperature: –40°C to 85°C (–40°F to 185°F)
  - Humidity: 5–95% non-condensing
- Standard RJ45 jack for network connection
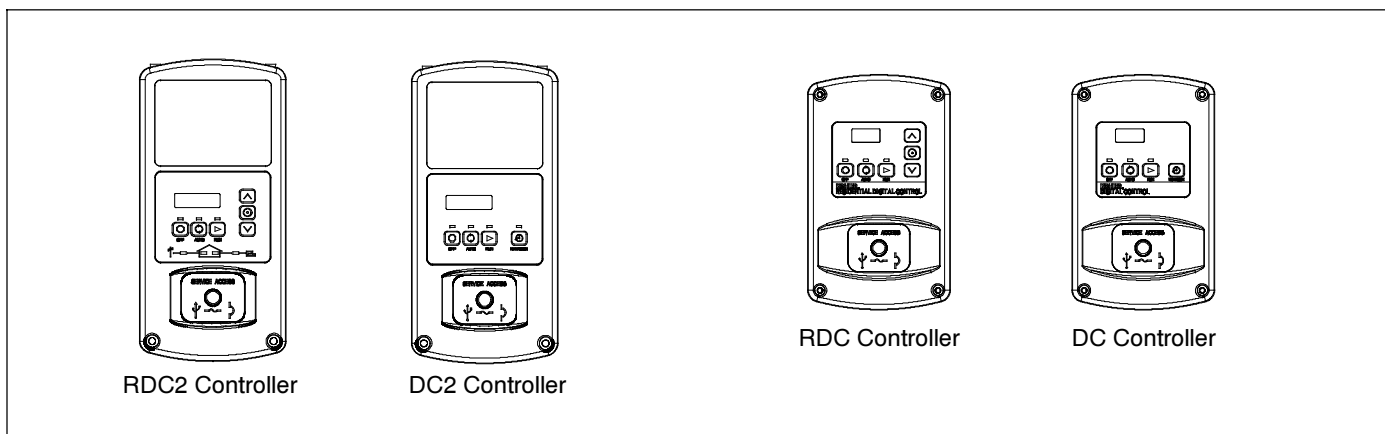- Standard 10/100 Ethernet

System Requirements

- OnCue software
  (download from www.KohlerPower.com/OnCue)
- Personal computer (PC) with Microsoft® Windows® 7, Windows Vista®, or Windows XP®
- 1 GB of RAM
- Up to 500 MB of available hard disk space may be required
- Always-on Internet access (for example, cable, DSL, or phone line modem connected 24 hours)
- Internet router and network cable for connection to Ethernet
- Uninterruptible power supply (UPS) for modem and router (optional)

Microsoft® Windows®, Windows XP®, and Windows Vista® are registered trademarks of Microsoft Corporation.

OnCue® System Kit

- RDC2/DC2 controller
  - Operation manual
  - Activation code decal
  - Ethernet connector
- RDC/DC controller
  - OnCue Ethernet option board
  - Installation instructions
  - Operation manual

Controllers

RDC2 Controller DC2 Controller RDC Controller DC Controller

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