

OLYMPIAN INTRODUCES....

Engine Division
International Edition
November 2004

POWERWIZARD CONTROL SYSTEM

Market: Electric Power

Application: Olympian Generator Sets

Description: The Olympian PowerWizard control system gives you the control solution for all your power needs. With four levels of specification tailored to meet your control needs this family of panels will be phased in to replace our current range of 2001, Access 2000, 4001, Access 4000 and the 6000 series control series, to give you total control at the touch of a button.



PowerWizard Control system



PowerWizard Annunciator

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Features:

Offering

- Common look and feel from 10 to 275 kVA for ease of operation and service
- 9-32V DC providing a single module to cover the whole product range
- Simple menu layout for ease of navigation and monitoring
- Two display languages, (English and customer language*) to aid service and commissioning
- An enhanced event log providing a history of the last 20 incidents to aid fault finding
- Robust electronics package for industry leading reliability
- Configurable using front key pad or laptop
- Shortcut keys for immediate access to engine or AC metering
- Integrated metering and controls reducing components and wiring aiding reliability and ease of service
- Common engine wiring system allows simple upgrading between levels of panel
- Can be serviced using the standard EST tool
- Simple two wire connection to annunciator (level 2,3,4)

*LED displays available in Arabic, Chinese, Danish, Dutch, Spanish, Finnish, French, German, Greek, Hungarian, Icelandic, Italian, Norwegian, Portuguese, Russian and Swedish

Levels 1-4

Tailored to meet your needs in four levels

- **PowerWizard 1.0**
Digital control system designed to replace the Access 2000, 2001 and 4001 panels
Autostart controls, protection and metering
20 event log
AC/DC metering
Engine protection
Range of options available
- **PowerWizard 2.0**
Designed to replace the 4001E, Access 4000 and 6100 panels
Additional functionality over level 1.0 including power metering
Modbus remote communication compatible
Remote annunciator compatible
AC/DC metering
Engine and generator protection
4 spare fault channels, dealer configurable with service tool
Range of options available
- **PowerWizard 3.0**
Building on the functionality of PowerWizard 2.0, Level3 is highly customizable and suited to the solutions market
Increase functionality by add-on/expansion modules
Advanced engine and AC metering
Reverse power
- **PowerWizard 4.0**
An automatic, synchronizing and load sharing system
Designed to replace 6201, 6301 and 6401 panels
Advanced control, metering and protection
Compatible with all optional expansion modules

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Availability:

The PowerWizard control system will be available to order as follows:

Genset Range	Open/Encl	Control Series	OOB
12-22kVA	Open/G Series	1.0/2.0	1 Dec '04
All product	Open/Encl	3.0	1 Dec '04
12-22kVA	M Series Encl	1.0/2.0	Q1 '05
27-165 kVA	GEPX Encl	1.0/2.0	Q1 '05
27-165kVA	Open/Encl	1.0/2.0	Q1 '05
All product	Open/Encl	4.0	Q4 '05

PowerWizard 2.0 is available from 1 December '04 as a PVR for all product families (PVR Number: 3302)

Pricing:

Refer to Caterpillar Price List

Marketing Tools:

New spec sheets available on the EMC

PowerWizard 1.0 LEXF4910-00 (10/04)

PowerWizard 2.0 LEXF4916-00 (10/04)

Power Wizard Annunciator LEXF4912-00 (10/04)

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