GENERATOR-SET CONTROL PANNEL UPGRADES

YANCEY Power Systems | **CAT**

Upgrading control pannels on generators is a major component of keeping your total power system up to date. From complete pannel retrofits to digital operating system updates, **Yancey Power Systems helps keep your system up to date.**

Be in control of your power system by staying up to date.

Technology changes means better process & more control.

Upgrades include wider monitoring & control options.

Consistent upgrades means less time learning new process & more time using the programs!

The benefits of updating a control pannel is worth it!

Consistent custom reporting for your facility that are *NFPA 110 compliant.*

Proactive monitoring showing points of failure and electrical connections.

Peace of mind from electrical failure.

Why Choose Yancey Power Systems for upgrades?

We've been in this business for a long time, understanding that all needs are different is our specialty. Not ready to replace your whole system? No problem! Retorfits are our specialty.

877.926.2398
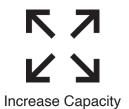
YanceyPower.com/controlpannel

GENERATOR-SET CONTROL PANNEL RETROFITS

Important Features

Easy Integrations

Increase Capacity

Compliance Reporting

Control Pannel Offerings

Product	Benefit
CAT® EMCP 4.2B	Includes digital display, auto/start/stop control, programmable analog, digital input/outputs, engine protection, generator protection, PLC function, programmable security levels, CAN and Modbus RTU communications.
CAT EMCP 4.3	Includes all the functionality of the EMCP 4.2b with larger display 5.5", more inputs/output including PWM output, and Modbus RTU and Ethernet SCADA TCP communications.
CAT EMCP 4.4	Includes all the functionality of the EMCP 4.3 plus the ability to parallel up to 16 gen sets and/or utility. Other features: Load add/shed, load sense/load demand and manual/auto synchronization. Paralleling gens via hardwire or MGDL which is an Ethernet platform.
AFTERMARKET	Aftermarket controls provide complete engine-generator set control and protection via an open platform control system. Available systems: Basler, Auto-Maskin, Deep Sea, Woodward EasyGen, and DEIF.

Engineered Retrofit Kits

Product	Description
STANDARD BOX KITS	Box kits come fully assembled/tested and ready to drop-in, to replace an existing old control panel box.
STANDARD DOOR KITS	Modify your existing box and have the door replaced. These door kits come with all the same parts as the box kits and assembled.
REMOTE BOX KITS	Great for upgrading existing compact control systems and medium voltage systems. These box kits come fully assembled and ready to mount on a nearby wall or steel frame.
CUSTOM DOOR KITS	Custom door kits can be designed and built for existing power module cabinets, ENERCON cabinets, and more.
CUSTOM DOOR SKINS	Complete laser cut door skin that mounts to existing door are available and customizable. Custom colors and stainless steel available.
CUSTOM AFTERMARKET	Control retrofit solutions for Onan, Kohler, Generac, Katolight, Detroit Diesel, and more.

Accessories

Product	Description
VOLTAGE REGULATOR KIT	Upgrade your obsolete voltage regulator systems to newer digital or analog reliable technology. Offerings include: Caterpillar digital voltage regulator, integrated voltage regulators, Cat VR6, and Basler regulators.
COMMUNICATIONS	Integrate your new upgraded control system with your Building Automation System or add a remote HMI interface with an embedded web server. Protocol converters offered: Ethernet TCP/IP, Bacnet, SNMP, and Cat CDL to J1939 translator for integrating with older Cat engine ECM's.
REMOTE BOX KITS	Great for upgrading existing compact control systems and medium voltage systems. These box kits come fully assembled and ready to mount on a nearby wall or steel frame.
REMOTE ANNUNCIATORS	Replace your obsolete remote gen or ATS annunciator with a standard 16 light annunciator panel or custom HMI touchscreen interface. Kit offerings: 16 light surface/flush mounted, custom light/alarm packages and 6"-15" HMI touchscreen Interfaces customized to your application or facility needs.
EMPC 4 ACCESSORIES	Upgrade, add or customize accessory kits with your new control panel retrofit. Available kits: input-output modules, exhaust temp monitoring, gen temp monitoring, current transformers, potential transformers, and more.

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