

Think Smart. Think Control. Think,  
**PowerCommand<sup>®</sup>**



# PowerCommand® 3300

controls provide reliable, cost-effective solutions for integrated digital paralleling.

The system is a microprocessor based genset monitoring, metering and control system. The integration of all control functions into a single control system provides enhanced reliability and performance, compared to conventional genset control systems. These control systems have been designed and tested to meet the harsh environment in which gensets are typically operated.

## Features

- **Extended Paralleling** (Peak Shave/Base Load) regulates the genset real and reactive power output while paralleled to the utility. Power can be regulated at either the genset or utility bus monitoring point.
- **Digital Power Transfer Control** (AMF) provides load transfer operation in open transition, closed transition, or soft (ramping) transfer modes.
- **Masterless load demand** - start and stop genset based on load demand.
- **Genset protection** – Protects engine and alternator.
- **Full authority engine communications** (where applicable) - Provides communication and control with the Engine Control Module (ECM).
- **AmpSentry™ protection** - for true alternator overcurrent protection.
- **Engine starting** - Includes relay drivers for starter, fuel shut off (FSO), glow plug/spark ignition power and switch B+ applications.
- **Genset battery monitoring system** to sense and warn against a weak battery condition.

## Mapping

Below engines are eligible for PCC 3.3 upgrade

Engine Model	Present installed system	KVA rating
NTA14G3	Powercom	380
KTA19G9	ECP+EFC	500
KTA19G9	Powercom	500
KTA19G9	ECPG	500
KTA19G9	PCC 3100	500
VTA28G3/ VTA28G5	Powercom	600/625
VTA28G3/ VTA28G5	ECPG	600/625
VTA28G3/ VTA28G5	ECP+EFC	600/625
VTA28G3/ VTA28G5	PCC 3100	600/625
KTA38G3	PCC 2100	750
KTA38G3	PCC 3100	750
KTA38G3	ECP+EFC	750
KTA38G5	PCC 2100	1010
KTA38G5	PCC 3100	1010
KTA38G5	ECP+EFC	1010
KTA50G3	PCC 2100	1250
KTA50G3	PCC 3100	1250
KTA50G3	ECP+EFC	1250
KTA50G8	PCC 2100	1500
KTA50G8	PCC 3100	1500
KTA50G8	ECP+EFC	1500

## Benefits



- Reduced fleet operation costs by running gensets to match actual load requirements.



- PCC incorporates Modbus Interface to communicate with typical BMS systems



- Multiple system components can be monitored from a single point



- Supports large fleet operation



- Backed by comprehensive warranty and pan-India service network

Attractive kit conversion options available. Please contact your nearest dealer.



Cummins Service App  
Network at your fingertips!  
Available in Android & IOS



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