



## PWR SERIES II

Radio Remote Controls  
Designed for Overhead Cranes

### Driving The Future

- AC Variable Frequency Drives
- Engineered Systems
- Master Switches
- Pendant Stations
- Radio / Wireless Remote Controls
- Variable Frequency Drive Accessories

[www.drivecon.com](http://www.drivecon.com)

## KEY FEATURES

- Single transmitter with option for second at time of order
- Receiver and transmitter are completely programmable in the field
- Prewired receiver with 10 ft cable
- Quick connect plug (option)
- Lightweight, ergonomically designed transmitter insures ease of operation
- 2 speed pushbutton
- 2 year warranty
- Up to 12 hours of battery life under normal operating conditions (PWRsII 6-2-11)
- Transmitter turns to stand-by mode after 4 min.
- Load display (option)
- Frequency change on field via transmitter
- Battery charger with second spare battery
- Stop circuitry interlock
- Motion relays in series
- Self-diagnostic alarm codes
- Operation frequency: 902-928MHz fully compliant with FCC Part 15
- Operating temperature: -4°F~150°F
- Relays rated 8A @ 230VAC
- Response time = 25ms
- Operation range up to 100m (328 ft.)
- 70 operating channels
- Antenna impedance 50 ohms
- 5 pulsed transmissions every 100ms for safe operation
- No license required



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## SAFETY

- Allows full concentration on crane operation since the operator does not have to follow the moving crane with its attached pendant station.
- Crane operator can control the crane from the safest location, without the restriction of a fixed-length pendant cable.
- The transmitter's sensitive one-and-two step pushbuttons allow for easy and precise crane control.

## RELIABILITY

- Shock proof transmitter
- Robust housing
- 1 million pushbutton cycle
- Pulsed transmission
- High frequency technology

## FLEXIBILITY

All parameters of radio control are stored in a plug in EEPROM making it easy to replace damaged units in the field.



## TRANSMITTER SPECIFICATIONS

- Ergonomic and lightweight
- Transmitter enclosure: IP65 (NEMA 4 type)
- Audible and visual low power warning
- Clear detent 2-step buttons
- RF output power: 5 mW
- Large mushroom E-stop switch
- 700mAh, 4.8v battery (NIMH)
- Internal antenna
- Programs receiver from ground through RF communication (no need to climb on crane to change frequency or address).
- Hand strap

## RECEIVER SPECIFICATIONS

- Receiver enclosure: IP55 (NEMA 12 type)
- 2 programmable modes alarm and signal LED output display
- Power interruption protection
- Relay's contact failure detection circuit
- Shock resistant hard plastic enclosure
- Internal integrated antenna
- Supply voltage 230VAC ± 10%, 50Hz, 115VAC, 60Hz, Optional 12 or 24VDC
- Power consumption: 30W

## TWO TRANSMITTER STYLES

### PWRsII 6-2-11:

- 11 output relays (8A, 230v)
- 2-step pushbutton for up to 3 movements (hoist, trolley, bridge)
- Start / Horn pushbutton
- Key switch
- E-stop
- Hand strap

### PWRsII 6-2-13, all the above PLUS:

- 13 output relays (8A, 230v)
- LCD display
- Selector switch for hoist A, B, A + B



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