

# PIERBORNE

EMERGENCY POWER VAULT

EMERGENCY POWER VAULT



## 4 Circuit Output Local Switching Override



### > 4C Output Switching Override Features

- Provides capacity for four override control circuits
- Provides full power emergency output to connected loads regardless of local control switch position or operating status
- Works with most standard local control devices including wall switches, dimmers, timers, occupancy sensors and ambient light sensors.
- Ideal for use with incandescent, fluorescent or LED lighting fixtures
- Eliminates the need for bypass devices or separate inverter for each switched load providing cost efficiency
- All wiring is done within the Pro or Expert inverter housing, no need for additional j-boxes
- Allows normally-on, normally-off, combination and switched wiring of connected loads
- System may be remotely mounted up to 1,000 feet
- Models available from 55 to 1,150 watt capacity

### > 4C Option Operation

The inverter power system's 4C option allows lighting fixtures or other load types on circuits controlled by local switching devices to be easily connected to and powered by the Pro or Expert system during utility power outages. The 4 Circuit option provides four local switching device override circuits which, under emergency mode operating conditions, automatically disconnect the load side of the local control device(s) and connect the selected loads to the inverter output assuring normal operation of connected loads regardless of local control device switch position operating status.

### > 4C Option Connectivity

Any or all of the 4 Circuit option override circuits may be used to power lighting fixtures or other loads, up to the maximum output capacity of the system. The outstanding features of the EMPV Pro and Expert systems provide additional connectivity and flexibility features to the 4 Circuit option. The system's universal output allows for the powering of 120VAC and/or 277VAC loads and because the system's output is a clean, sinusoidal waveform, load compatibility issues are never a problem. Additionally, provisions are provided so that emergency loads can be configured for normally-on, normally-off, combination along with switched operation.

FLEXDIM AND 4C OPTIONS ARE AVAILABLE  
FOR THE PRO & EXPERT SERIES.  
FLEXDIM CAN ONLY BE USED WITH  
0-10V WIRING CONTROLS.

inverter by  
**pierborne**