



# PLIV Series Inverters

## Standard Features

### User Friendly Interface

- LCD with Status, Meter and Alarm screens.
- Industrial style LED Mimic Diagram.
- Nine button control keypad.
- 200 event Alarm History with date and time stamp.
- Four remote alarm contacts (user configurable).
- RS-485, 2-wire interface with Modbus protocol.
- RS-232 interface with Philtek protocol.

### Power Circuit

- High frequency PWM switching technology, using IGBT's.
- Pure Sine Wave AC output.
- Low audible noise.
- High efficiency.
- Inverter Output isolation transformer provides galvanic isolation between DC and AC circuits.
- Powers virtually any load, compatible with Nonlinear and Active Power Factor Corrected AC Loads.
- Input and Output Circuit Breakers.
- Automatic DC Input Pre-charge circuit.

### Integral Static Bypass Switch

- Output power fully rated.
- Zero Break with 2 mSec detection time.
- User configured to operate in the Online ( Inverter preferred ) or the Offline (AC line preferred ) mode.
- Provides maximum protection when operated in the Online Mode.
- Provides economy operation when operated in the Offline Mode.

### Packaging

- 2, 3, & 5 kVA in a wall mount, 19" rack mount or 23" rack mount design. Rack sold separately. Floor mount stand option available.
- 10 & 15 kVA in a 23" rack mount design. Rack sold separately. Floor mount stand option available.
- Air intake at front and bottom. Exhaust at top. Rear clearance is not required.
- Temperature controlled variable speed cooling fans.



**Model Number:**

# **PLIV 10K - 120 - N + OPTIONS**

Output  
Power

**2K:** 2 kVA  
**3K:** 3 kVA  
**5K:** 5 kVA  
**10K:** 10 kVA  
**15K:** 15 kVA

Nominal DC  
Input Voltage

**24:** 24 Vdc  
**48:** 48 Vdc  
**120:** 120 Vdc  
**240:** 240 Vdc

AC Output  
Voltage (1 $\Phi$ )

**N:** 120V, 60Hz  
**A:** 220V, 50Hz  
**AS:** 230V, 50Hz  
**B:** 120/240V, 60Hz  
**C:** 240V, 60Hz  
**D:** 208V, 60Hz  
**E:** 277V, 60Hz  
**Y:** 220V, 60Hz  
**YS:** 230V, 60Hz

Options

**MBSXR:** External 23" Rack mount Maintenance Bypass Switch.

**MBSXR(19):** External 19" Rack mount Maintenance Bypass Switch.

**AL8:** Four contacts added for a total of eight Remote Alarm Contacts.

**SVW:** Replaces the RS-232 port with an internal Status-Via-Web Ethernet device.

**RACK:** 23" relay rack (84" tall).

**NS:** No Static Bypass Switch (Inverter Only).

Example: PLIV 5K-120-N+MBSX+AL8+SVW

Not all combinations are available, please see specific brochures or contact Philtek.

For other configurations and options, please contact Philtek.

For More Information please Contact:

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