



### Specifier's Reference

|           |
|-----------|
| Project   |
| Type      |
| Model No. |
| Comments  |

### codes and standards

- UL 924 listed

### construction

- Free standing, NEMA 1 enclosure with hinged door and acid-resistant powder coat finish with top and bottom access for conduit entries.
- 208Y/120 VAC or 480Y/277 VAC, 3 phase, 4 wire plus ground input and output.<sup>1</sup>
- 89% typical efficiency.
- Operating temperature range 32°F (0°C) to 104°F (40°C).<sup>2</sup>
- Internal maintenance by-pass, main input breaker and battery cabinet disconnect breaker are standard.
- Double conversion, no interruption with a standard backup time of 90 minutes.
- Output circuit breakers optional.
- Factory installed batteries.

### application

- Operates incandescent, fluorescent, LED and HID type luminaires.
- Includes factory start up and system check by a certified technician.
- Consult factory for compatibility and performance with non-lighting and switched lighting loads.

### electronics - inverter

- Transient response < 4%, recovery time one cycle (100% load step).
- 3:1 crest factor capability.
- Inverter output distortion < 4% THD (100% non-linear), inverter output distortion < 1% THD (linear loads).
- Output voltage regulation  $\pm 1\%$  of nominal at full load.
- Frequency: 60 Hz.
- Load power factor capability is 0.7 lagging to 0.95 leading.
- Automatic low battery voltage disconnect (LVD).

### electronics - rectifier

- Input voltage range +15%, -20% of nominal.

- Input power factor corrected to 0.98 or greater (at full load).
- Input current THD < 4% (at full load).
- Voltage regulation  $\pm 1\%$  maximum for input voltage and DC variations.
- Ripple voltage < 1% rms float voltage.
- Triple mode battery charger for fast recharge.

### electronics - static transfer switch

- Overload rating 150% for 1 minute.

### metering/controls

- A multilingual, alphanumeric display provides convenient user operation and access to a real time clock and alarm history with time and date stamp along with system parameter metering: voltage, current, frequency, power, battery time remaining.

### communication options

- The remote alarm panel (RAP) is housed in a surface or flush mount NEMA 1 enclosure with LED indicators and audible alarm. Provides visual and audible indication of: load on UPS, load on bypass, battery discharging, low battery warning and UPS alarm.
- The IntelliSlot Relay Board (ISRB) is five sets of isolated contacts to provide change of status for: load on UPS, load on battery, low battery warning, load on bypass, and summary alarm.
- The IntelliSlot Web Card (ISWEBLB) provides UPS change of status indication through: SNMP, HTML and network management systems.

### battery

- Maintenance free, sealed lead calcium battery with an expected life up to 10 years, and optimum operating range of 65°F (19°C) to 85°F (30°C).<sup>2</sup>

### warranty

- If factory start up is conducted within 120 days of shipment, Philips Chloride will warrant parts and on-site labor for 12 months from date of factory start up.
- If factory start up is not conducted within 120 days of shipment, Philips Chloride warrants parts for 12 months from date of shipment.
- See Philips Chloride Limited Warranty for details.

## Model Example: CLP01222

| CLP                          | 012                   |  |  |
|------------------------------|-----------------------|--|--|
| <b>Series</b>                | <b>Wattage Rating</b> | <b>Input/Output</b>  | <b>Options</b>   |
| CLP – Three Phase UPS System | 012 – 12,000 W        | 22 – 208Y/120 Input, 208Y/120 Output<br>42 – 480Y/277 Input, 208Y/120 Output<br>44 – 480Y/277 Input, 480Y/277 Output | OCB ( ) – Output Circuit Breakers (qty) <sup>3</sup><br>RAP – Remote Alarm Panel<br>ISRB – IntelliSlot Relay Board<br>ISWEBLB – IntelliSlot Web Card |

### Footnotes

<sup>1</sup> Voltage must be specified when ordering.

<sup>2</sup> Increases or decreases in temperature will affect battery performance. Optimum battery performance realized at 77°F (25°C). Batteries are rated at 100% capacity at 77°F (25°C).

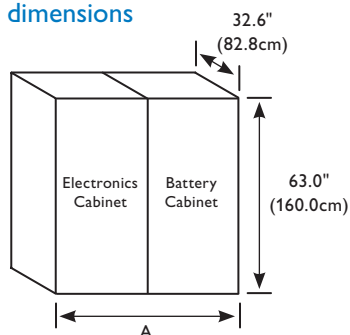
<sup>3</sup> Requires separate wall mount enclosure.

## system input/output

| System Rating | Input Voltage        | Max. Input AMPS <sup>1</sup> | Output Max. Load AMPS Per Phase  | Maximum Heat Rejection |
|---------------|----------------------|------------------------------|----------------------------------|------------------------|
| 12,000 W      | 208Y/120<br>480Y/277 | 42<br>19                     | 120 V    277 V<br>33 A      14 A | 4,375 btu/hr           |

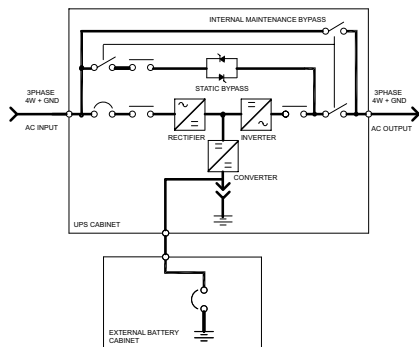
1) Continuous duty.

## dimensions

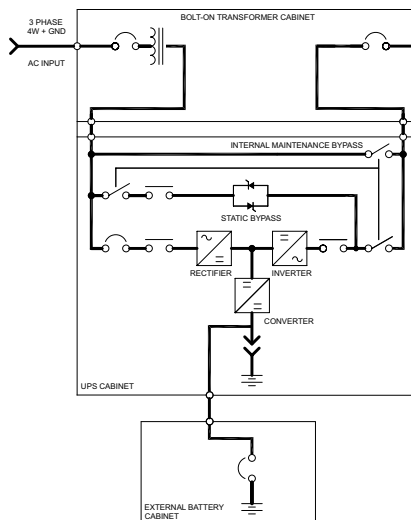


| 12 kW system                    | Voltage Configuration   |                         |                         |
|---------------------------------|-------------------------|-------------------------|-------------------------|
|                                 | 22                      | 42                      | 44                      |
| System Width (A)                | 82.6"<br>(209.8cm)      | 109.8"<br>(278.9cm)     | 109.8"<br>(278.9cm)     |
| Electronics Cabinet Weight      | 576 lbs<br>(262 kg)     | 1,310 lbs<br>(595 kg)   | 1,526 lbs<br>(694 kg)   |
| Battery Cabinet Weight (90 min) | 2,700 lbs<br>(1,227 kg) | 2,700 lbs<br>(1,227 kg) | 2,700 lbs<br>(1,227 kg) |
| Total System                    | 3,276 lbs<br>(1,489 kg) | 4,010 lbs<br>(1,822 kg) | 4,226 lbs<br>(1,921 kg) |

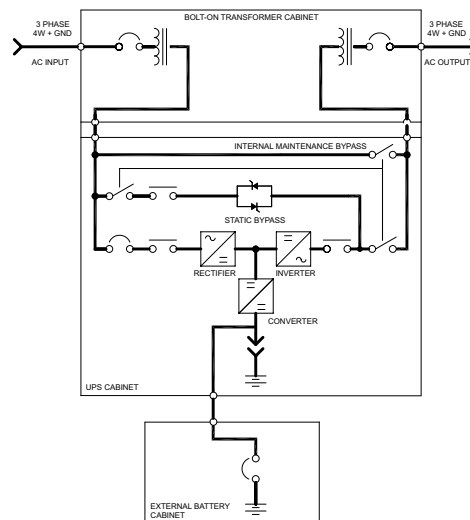
12 kW (22)



12 kW (42)



12 kW (44)



## unit check list

Catalog No: \_\_\_\_\_

Rating: 12,000 W/15,000 VA

Battery Type: VRLA

Operating Time: 90 Min.

Input: \_\_\_\_\_ VAC, Three Phase, 4 Wires Plus Ground

Output: \_\_\_\_\_ VAC, Three Phase, 4 Wires Plus Ground

Options: ☐ OCB(#) ☐ RAP ☐ ISRB ☐ ISWEBLB

Remarks: \_\_\_\_\_

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