



**samlexamerica**

# 2750W

## DC-AC Inverter Modified Sine Wave

Model  
PSE-24275A  
24 VDC - 120 VAC

### Design Features

- High efficiency switching mode design
- Illuminating LED bar graphics indicate input voltage and input current
- Temperature controlled cooling fan
- Low input voltage warning alarm
- Optional remote operation with Samlex Model RC-15 remote control (sold separately)
- Protections: high/low voltage, over temperature and over load shut down
- High output current surge

**NEW LOOK FOR 2010!**

**2 YEAR WARRANTY**

| MODEL NO.                |   | PSE-24275A   |
|--------------------------|---|--|
|                          | INPUT VOLTAGE   | 20-33 VDC  |
|                          | OUTPUT VOLTAGE  | 120 V RMS + 5% / -10%  |
|                          | OUTPUT FREQUENCY  | 60Hz +/- 5%  |
|                          | CONTINUOUS OUTPUT POWER                                 | 2750 W*  |
|                          | INSTANTANEOUS OVERLOAD (SURGE < 2 SEC)                  | 4500 W   |
|                          | NO LOAD CURRENT DRAW                                    | 600 mA   |
|                          | OUTPUT WAVEFORM   | Modified Sine Wave   |
|                          | PEAK EFFICIENCY   | 85 to 90%  |
|                          |   | *This is the active power for resistive type of loads which have power factor = 1. Reactive loads may have power factor of 0.8 to 0.6. The active power rating will reduce by this factor. |
| PROTECTIONS              | HIGH INPUT VOLTAGE SHUT DOWN & LATCH                    | 33 VDC   |
|                          | LOW INPUT VOLTAGE WARNING ALARM                         | 21 VDC   |
|                          | LOW INPUT VOLTAGE SHUTDOWN & LATCH                      | 20 VDC   |
|                          | TEMPERATURE CONTROLLED FAN FOR COOLING                  | Yes  |
|                          | OVER TEMPERATURE SHUT-DOWN & AUTO RECOVERY              | Yes  |
|                          | OUTPUT INSTANTANEOUS OVERLOAD SHUT DOWN & AUTO RECOVERY | Yes  |
|                          | OUTPUT CONTINUOUS OVERLOAD SHUT-DOWN & LATCH            | Yes  |
| INDICATIONS              | INPUT VOLTAGE LED BAR GRAPH                             | Yes  |
|                          | INPUT CURRENT LED BAR GRAPH                             | Yes  |
|                          | RED LED FOR OVERLOAD                                    | Yes  |
|                          | RED LED FOR OVER TEMPERATURE                            | Yes  |
| INPUT SIDE DC FUSES      | (AUTOMOTIVE TYPE ATC, 32V)                              | 15 A x 12 pcs  |
| ENVIRONMENTAL CONDITIONS | OPERATING TEMPERATURE                                   | 0 to 40°C  |
|                          | STORAGE TEMPERATURE                                     | -10 to 65°C  |
|                          | RELATIVE HUMIDITY                                       | Up to 85%  |
| OUTPUT CONNECTORS        | WIRES FOR CONNECTION TO EXTERNAL DISTRIBUTION PANEL     | Yes  |
|                          | RECEPTACLE, NEMA 5-15R                                  | 1  |
| GENERAL                  | DIMENSIONS, MM (L x W x H)                              | 216 x 495 x 160  |
|                          | DIMENSIONS, INCHES (L x W x H)                          | 8.5 x 19.5 x 6.3   |
|                          | WEIGHT, KG  | 10.1   |
|                          | WEIGHT, LB  | 22.3   |

NOTE: Specifications are subject to change without notice