



**samlexamerica®**

# 2000W



### DC-AC Inverter Pure Sine Wave

|       |                  |
|-------|------------------|
| Model | PST-200S-12E     |
|       | 12 VDC - 230 VAC |
|       | PST-200S-24E     |
|       | 24 VDC - 230 VAC |

### Design Features

- High efficiency
- Low battery voltage alarm
- Protections: input low voltage, input over voltage, over temperature, over load, short circuit
- Low idle power draw
- Optional remote control (sold separately): Model RC-15
- Comes with pin-type battery cable lugs



|               | MODEL NO.                       | PST-200S-12E  | PST-200S-24E                     |
|---------------|---------------------------------|---|----------------------------------|
| OUTPUT        | POWER, CONTINUOUS               | 2000 Watts  | 2000 Watts                       |
|               | POWER, SURGE (FOR <1 SEC)       | 4000 Watts  | 4000 Watts                       |
|               | OUTPUT VOLTAGE                  | 230 VAC +/- 3%  | 230 VAC +/- 3%                   |
|               | OUTPUT FREQUENCY                | 50 Hz   | 50 Hz                            |
|               | OUTPUT VOLTAGE WAVEFORM         | Pure Sine Wave  | Pure Sine Wave                   |
|               | TOTAL HARMONIC DISTORTION       | < 3%  | < 3%                             |
| INPUT         | INPUT VOLTAGE                   | 10.7 to 16.5 VDC  | 21.4 to 33 VDC                   |
|               | MAXIMUM INPUT CURRENT           | 240 A   | 120 A                            |
|               | INPUT CURRENT AT NO LOAD        | < 1.6 A   | < 1.0 A                          |
|               | LOW INPUT VOLTAGE WARNING ALARM | 10.7 V  | 21.4 V                           |
|               | LOW INPUT VOLTAGE SHUT-DOWN     | 10 V  | 20 V                             |
|               | HIGH INPUT VOLTAGE SHUT-DOWN    | 16.5 V  | 33 V                             |
|               | OPERATING AMBIENT TEMPERATURE   | 0 to 40°C +/- 5°C                                       | 0 to 40°C +/- 5°C                |
|               | PEAK EFFICIENCY                 | 85%   | 85%                              |
|               | COOLING                         |   | 2 x Temperature Controlled Fans  |
| CONNECTIONS   | DC INSTALLATION KIT (OPTIONAL)  | DC-2500-KIT   | DC-2000-KIT                      |
|               | INPUT                           |   | Tubular type screwdown terminals |
|               | OUTPUT                          |   | 2 Schuko Type of receptacles*    |
|               | INTERNAL DC SIDE INPUT FUSES    | 40 A x 6  | 20 A x 6                         |
| GENERAL       | REMOTE (OPTIONAL)               | RC-15   | RC-15                            |
|               | DIMENSIONS, MM (L x W x H)      | 415 x 282 x 101 mm                                      | 415 x 282 x 101 mm               |
|               | DIMENSIONS, INCHES (L x W x H)  | 16.3 x 11.1 x 4"  | 16.3 x 11.1 x 4"                 |
|               | WEIGHT, KG                      | 5.9   | 5.9                              |
| CE COMPLIANCE | WEIGHT, LB                      | 13  | 13                               |
|               | SAFETY                          | Conforms to EN 60950-1                                  |                                  |
|               | EMI/EMC                         | EN 55022: Class B; EN 55024; EN 61000-3-2; EN 61000-3-3 |                                  |



\* Schuko Type to Universal Type adapter is also sold separately. (Model: 99034)

Note: Specifications are subject to change without notice.

12001-PST-200S-12-24E-0412