



## CPS- SERIES INVERTER

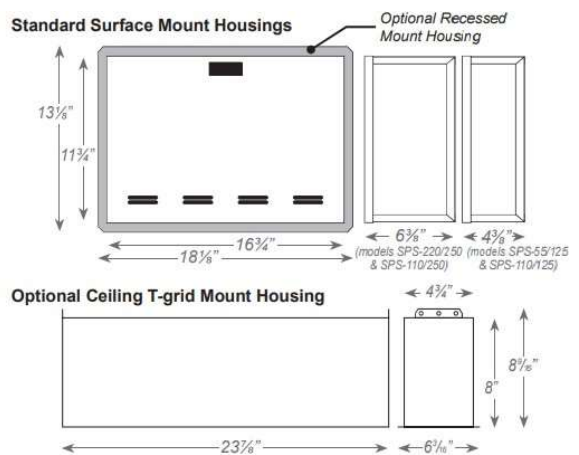
Mini-electrical inverter systems for powering up to 220W/250VA of incandescent, fluorescent, induction or LED lighting loads. Pulse width modulated (PWM) output design provides clean, 60Hz sinusoidal emergency power to loads. Models are available for surface, recessed or T-Grid mounting as required.



### SPECIFICATIONS

<b>Housing</b>	<ul style="list-style-type: none"> <li>- Heavy duty steel cabinet is finished in white baked-on powder paint providing scratch and corrosion resistance.</li> <li>- Optional special color paint (-SC) finishes are available, consult factory.</li> </ul>
<b>Output</b>	<ul style="list-style-type: none"> <li>- Output Voltages: (60Hz) 120 or 277VAC.</li> <li>- Waveform: Sinusoidal (digitally controlled, PWM design).</li> <li>- Output Frequencies: 60Hz. <math>\pm 0.3</math>Hz during emergency cycle.</li> <li>- Output Distortion: Less than 3% THD (linear load).</li> <li>- Output Protection: Line and inverter fuses.</li> </ul>
<b>Input</b>	<ul style="list-style-type: none"> <li>- Input Voltages: 120 or 277VAC field selectable.</li> <li>- Input Frequencies: 60Hz <math>\pm 2\%</math>.</li> <li>- Input Protection: AC Line Fuses.</li> </ul>
<b>Mounting</b>	<ul style="list-style-type: none"> <li>- Surface Mount (Standard Models): Surface mount models are designed for mounting to walls by means of keyhole slots provided in the back of the unit housing.</li> <li>- Recess Mount: (SPS-55/125, SPS-110/125 Only): Recess models provide recess mounting holes on both sides of the enclosure.</li> <li>- T-Grid Mount: (SPS-55/125, SPS-110/125 Only): Housing design allows simple drop-in installation between T-grid runs. Safety wires (supplied by others) are required for attachment to building structure.</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>- Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes.</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>- Unit: (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.</li> <li>- Battery: 3 years full warranty plus an additional 7 years of pro-rata coverage.</li> <li>- All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Optional T-Grid models are plenum rated and meet City of Chicago CCEA requirements.</li> <li>- UL listed for damp locations (20°C to 30°C).</li> <li>- FCC Part 15 Class A Compliant.</li> </ul>

### DIMENSIONS



### ORDERING GUIDE

CPS- 110/ 125- S- E
<b>CPS = MODEL</b>
<b>CAPACITY:</b>
<ul style="list-style-type: none"> <li>• 55w<sup>1</sup></li> <li>• 110w<sup>1</sup></li> <li>• 220w<sup>2</sup></li> </ul>
<b>VA RATING:</b>
<ul style="list-style-type: none"> <li>• 125VA<sup>1</sup></li> <li>• 250VA</li> </ul>
<b>MOUNTING:</b>
<ul style="list-style-type: none"> <li>• S (surface)</li> <li>• R (recessed)<sup>1</sup></li> <li>• T (ceiling T-grid)<sup>1</sup></li> </ul>
<b>OPTIONS:</b>
<ul style="list-style-type: none"> <li>• <b>E</b> (Self Diagnostic)</li> <li>• <b>SC</b> (Special Housing color)</li> <li>• <b>T20</b> (Title 20 Compliant).</li> <li>• <b>RP</b> (Remote Test Switch Panel)<sup>3</sup></li> <li>• <b>4C</b> (4-output Circuit Switching)<sup>4</sup></li> <li>• <b>B</b> (Adjustable Output/Dimmer Bypass)<sup>4</sup></li> </ul>
<b>Notes:</b>
<ul style="list-style-type: none"> <li>• <sup>1</sup>Available only with 55w and 110w/125VA models.</li> <li>• <sup>2</sup>Available only with -250VA models.</li> <li>• <sup>3</sup>Shipped separately for field installation.</li> <li>• <sup>4</sup>Not available together.</li> </ul>