

# XS-05ss

## 600 W (5 Amps)

Model Number: 12060XS-05-SS



The Worlds Slimmest and Lightest Voltage and Frequency converter is rugged, yet full featured.

At only 2.36 inches (6.0cm) in depth and 10.67 lbs. (4.84 kg) in weight, the XS-05 can be installed on to the back of the gas stove or nearby, easily hidden from view.

### Easy to Install



Frequency Converter  
Voltage Converter  
Sophisticated Voltage Regulator  
Surge Protection  
Short Circuit Protection  
Over-Current Protection  
Power Factor Correction (PFC)  
Thermal Protection  
Lightweight

High Efficiency  
Input EMI and RFI Filters  
Output EMI and RFI Filters  
Low Harmonic Distortion  
Sealed, Solid State Electronics  
External Cooling Fan  
Continuous Power  
Audible Alarms  
Wall Mounting Kit

|                                 |                                    |   |
|---------------------------------|------------------------------------|---|
| <b>Output</b>                   | Output Voltage                     | 120Vac  |
|                                 | Output Current-Amps @ 60Hz         | 5A  |
|                                 | Voltage Regulation                 | ± 2% of Rating Voltage  |
|                                 | Output Frequency                   | 60Hz<br>(Auto-Synchronized to Mains)  |
|                                 | Crest Factor                       | 8:1   |
|                                 | Voltage Waveform                   | Sine Wave   |
|                                 | Output Distortion (Resistive Load) | <2%   |
|                                 | Output Distortion (Reactive Load)  | <3%   |
|                                 | Allowed Peak Current               | 40A   |
|                                 | Standby Power                      | 15W   |
|                                 | Total Harmonic Distortion          | < 3% at 100% Linear Load  |
|                                 | Output EMI Filter                  | 150Khz -30Mhz   |
|                                 | Output RFI Filter                  | 30Mhz - 1000Mhz   |
|                                 | Clamp Level                        | 190V  |
| <b>Protection</b>               | Over Current Protection            | <u>Over Load Alarm Level:</u> 100% - 135%<br>(alarm after 1 minute delay, shutdown after 1 minute alarm)<br><u>Over Load Shutdown Level:</u> 136%<br>(shutdown after 2 second delay)  |
|                                 | Short Circuit Protection           | Pulsating Type, 40A Peak<br>Auto-Restart time: 30 seconds   |
| <b>Input</b>                    | Nominal Voltage                    | 200V/220V/230V/240V   |
|                                 | Maximum Continuous Load            | 600W  |
|                                 | Maximum Peak Load                  | 1000W   |
|                                 | Input Frequency                    | 46Hz ~ 65Hz   |
|                                 | Phase                              | Single  |
|                                 | Noise Filtering                    | Full-Time EMI/RFI Filtering   |
|                                 | Input EMI Filter                   | 150Khz -30Mhz   |
|                                 | Input RFI Filter                   | 30Mhz - 1000Mhz   |
|                                 | Over Current Protection            | By Re-Settable<br>Over Current Protector  |
|                                 | Voltage Range                      | 180Vac - 265Vac   |
|                                 | Power Factor                       | > 0.95  |
|                                 | Audible Alarm                      | <u>Over Load Alarm:</u><br>Continuous alarm<br><u>Short-Circuit Alarm:</u><br>1 beep every 2 seconds<br><u>Thermo Alarm:</u><br>Every other 2 seconds, 32 beeps in 2 seconds  |
|                                 | Switch-on Surge (In-Rush Current)  | <150A, 2ms  |
|                                 | Voltage Interruption Ride Through  | 30mS  |
| <b>Efficiency</b>               |                                    | >92%  |
| <b>Indicators</b>               | LCD                                | Not Applicable  |
|                                 | LED                                | Not Applicable  |
| <b>Environmental and Safety</b> | Operating Temperature              | Up to 2000 Meters:<br>0° to 45°C (32°F to 113°F)  |
|                                 | Transit/Storage Temp               | -15°C to 60°C (5°F to 140°F)  |
|                                 | Relative Humidity                  | 5 – 95% Non-Condensing  |
|                                 | Operating Altitude                 | 0 ~ 3000 Meters   |
|                                 | Moisture Sensitivity               | Sealed Electronics  |
| <b>Cooling</b>                  | Natural Ventilation                | Yes   |
|                                 | External Cooling Fan Control       | Not Applicable  |
| <b>Physical</b>                 | Product Dimensions LxWxH (cm/in)   | 35 × 27 × 6 cm<br>13.78 × 10.63 × 2.36 in   |
|                                 | Net Product Weight (kgs/lb)        | 4.84 kgs<br>10.67 lbs   |
|                                 | Carton Dimensions LxWxH (cm/in)    | 51 × 47 × 20 cm<br>20.08 × 18.50 × 7.87 in  |
|                                 | Shipping Weight                    | 9.54 kg<br>21.03 lbs  |
| <b>Standard Accessories</b>     |                                    | Wall Mount, (4) Input 3-pin Locking Connector Cord<br>Types: F, G, I, M<br>Output Power Cord with 3-pin Locking Connector   |
| <b>Warranty</b>                 |                                    | 2 Years, Full Replacement   |
| <b>Quality Control Standard</b> |                                    | ISO9001   |
| <b>International Approvals</b>  |                                    | UL-ULus (CCN: QQFU/7) Power Units Other Than Class 2,<br>UL 1012, Seven Edition, October 14, 2008<br>UL-cUL: CAN/CSA-C22.2 No. 107.1-01, September, 2001<br>DEMKO-CB IEC60950-1:2005+A1:2009+A2:2013 (Ed. 2.2)<br>TUV/SUD-CB IEC 60335-1:2010+A1:2013 (Ed. 5.1)<br>FCC: CISPR22 AND Part15B ClassB<br>RoHS Compliant Directive 2002/95/EC |