



TOUGHPOWER SERIES  
POWER SUPPLY

## TOUGHPOWER GX2 700W



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## DATASHEET



## TOUGHPOWER SERIES POWER SUPPLY

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## ❖ Features

- 80 PLUS® Gold certified up to 90% efficiency.
- Compatible with the latest Intel ATX 12V 2.4 & SSI EPS 12V 2.92 standards.
- 700W continuous output at 40°C/104°F operating environment.
- High amperage single +12V rail design.
- Synchronous rectification circuit design with DC-DC converter for extremely stable performance and high efficiency.
- Ultra-quiet 120mm fan.
- 5 year warranty.
- Intel C6/C7 states & ErP ready
- Dimensions: 150mm(W)×86mm(H)×140mm(D).
- Safety approvals: CE/cTUVus/TUV/FCC/S-Mark certifications.



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| GENERAL INFO          |  |
|-----------------------|--|
| P/N                   | PS-TPD-0700NNFAGx-2                    |
| Model                 | SP-700AH2NLG                           |
| Type                  | ATX 12V v2.3                           |
| Max. Output Capacity  | 700W                                   |
| Peak Output Capacity  | 840W                                   |
| Color                 | Black                                  |
| Dimension (W/H/D)     | 150mm(W) x 86mm(H) x 140mm(D)          |
| PFC                   | Active PFC                             |
| Power Good Signal     | 100-500 msec                           |
| Hold-Up Time          | > 16msec at 230Vac/ 60Hz and 100% load |
| AC INPUT              |  |
| Input Current         | 15A – 6A                               |
| Input Frequency Range | 50Hz / 60Hz                            |
| Input Voltage         | 100 – 240Vac                           |
| ENVIRONMENTAL         |  |
| Operating Temperature | +5°C to + 40°C                         |
| Operating Humidity    | 20% to 85%, non-condensing             |
| Storage Temperature   | -40°C to + 55°C                        |
| Storage Humidity      | 10% to 95%, non-condensing             |
| Cooling System        | 120mm fan                              |
| MISCELLANEOUS         |  |
| Efficiency            | Meet 80 PLUS®Gold at 115Vac input.     |
| MTBF                  | 100,000 hrs minimum                    |
| Safety Approval       | CE/cTUVus/TUV/FCC/S-Mark               |
| PCI-E CONNECTOR       |  |
| PCI-E 6+2pin          | 2                                      |