



- Supports Nvidia® GeForce RTX™ 50 Series graphics cards
- Dual-native 12V-2x6 Connectors
- Server-grade materials, SiC interleaved PFC MOSFET
- Tri-certified Titanium certification (80 PLUS / Cybenetics / PPLP)
- PCIe 5.1 and ATX 3.1 Ready
- Dual-color 12V-2x6 cables
- 100% all Japanese 105°C capacitor
- Full digital design with control MCU
- Industrial level protection with OCP/ OTP/ OPP/ SCP/ OVP/ UVP/ SIP/ NLO

## SPECIFICATIONS

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| <b>Efficiency Rating</b>     | 80 PLUS Titanium (up to 94%)                           |
| <b>Modular</b>               | Yes (Fully Modular)                                    |
| <b>Fan Size</b>              | 135 mm                                                 |
| <b>Fan Bearing</b>           | Double Ball Bearing                                    |
| <b>Dimensions (DxWxH)</b>    | 190 x 150 x 86 mm                                      |
| <b>PFC Type</b>              | Active PFC                                             |
| <b>Input Voltage Range</b>   | 100-240                                                |
| <b>Power Watt</b>            | 1600W                                                  |
| <b>Power Excursion</b>       | 3840W (*up to 240% of the PSU's rated power for 100µs) |
| <b>Input Frequency Range</b> | 50~60 Hz                                               |
| <b>Protection</b>            | OCP / OTP / OPP / SCP / OVP / UVP / SIP / NLO          |
| <b>ATX (24 pin)</b>          | 1                                                      |
| <b>EPS (4+4 pin)</b>         | 2                                                      |
| <b>PCI-E 5.1 (16 pin)</b>    | 2 (600W)                                               |
| <b>PCI-E (6+2 pin)</b>       | 9                                                      |
| <b>SATA (15 pin)</b>         | 8                                                      |
| <b>PERIPHERAL (4 pin)</b>    | 8                                                      |

### MEG Ai1600T PCIE5

|             |                             |          |        |      |       |
|-------------|-----------------------------|----------|--------|------|-------|
| AC INPUT    | 100-240V~, 10-15A , 50-60Hz |          |        |      |       |
| DC OUTPUT   | +5V                         | +3.3V    | +12V   | -12V | +5Vsb |
|             | 22A                         | 22A      | 133.3A | 0.3A | 3A    |
| TOTAL POWER | 120W                        | 1599.96W | 3.6W   | 15W  |       |
|             | 1600W                       |          |        |      |       |



POWER-SUPPLY

MEG Ai1600T PCIE5

| CONNECTOR |     |           |       |      |            |
|-----------|-----|-----------|-------|------|------------|
| ATX       | EPS | PCI-E 5.1 | PCI-E | SATA | PERIPHERAL |
| 1         | 2   | 2         | 9     | 8    | 8          |