



- ATX 3.1 ready, native PCIe 5.1 connector
- Supports NVIDIA® GeForce RTX™ 40 Series graphics cards
- 105°C main capacitor
- 80 Plus Gold certified for high efficiency with Active PFC design
- Industrial level protection with OVP, OCP, OPP, OTP, SCP
- 120 mm Sleeve Bearing Fan
- Full Bridge Topology with DC-DC module design

## SPECIFICATIONS

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Efficiency Rating     | 80 PLUS Gold (up to 90%)                               |
| Modular               | Yes (full modular)                                     |
| Fan Size              | 120 mm                                                 |
| Fan Bearing           | Sleeve Bearing                                         |
| Dimensions (DxWxH)    | 140 x 150 x 86 mm                                      |
| PFC Type              | Active PFC                                             |
| Input Voltage Range   | 100~240 VAC                                            |
| Power Watt            | 850W                                                   |
| Power Excursion       | 1700W (*up to 200% of the PSU's rated power for 100µs) |
| Input Frequency Range | 47-63Hz                                                |
| Protection            | OCP / OVP / OPP / OTP / SCP                            |
| ATX (24 pin)          | 1                                                      |
| EPS (4+4 pin)         | 2                                                      |
| PCI-E 5.1 (16 pin)    | 1                                                      |
| PCI-E (6+2 pin)       | 2                                                      |
| SATA (15 pin)         | 4                                                      |
| PERIPHERAL (4 pin)    | 2                                                      |

| MAG A850GN PCIE5 |                         |       |       |      |       |
|------------------|-------------------------|-------|-------|------|-------|
| AC INPUT         | 100-240~, 10A , 47-63Hz |       |       |      |       |
| DC OUTPUT        | +5V                     | +3.3V | +12V  | -12V | +5Vsb |
|                  | 20A                     | 20A   | 70.5A | 0.3A | 3A    |
| TOTAL POWER      | 110W                    | 846W  | 3.6W  | 15W  |       |
|                  | 850W                    |       |       |      |       |



POWER - SUPPLY  
MAG A850GN PCIE5

| CONNECTOR |     |           |       |      |            |
|-----------|-----|-----------|-------|------|------------|
| ATX       | EPS | PCI-E 5.1 | PCI-E | SATA | PERIPHERAL |
| 1         | 2   | 1         | 2     | 4    | 2          |