

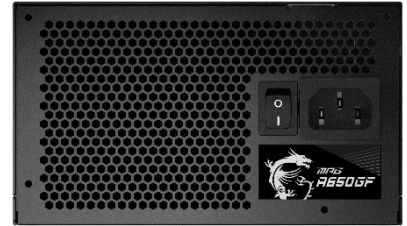
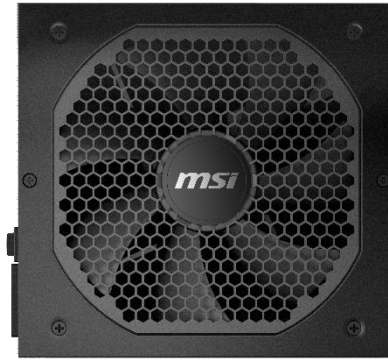


msi

Power Supply



A650GF

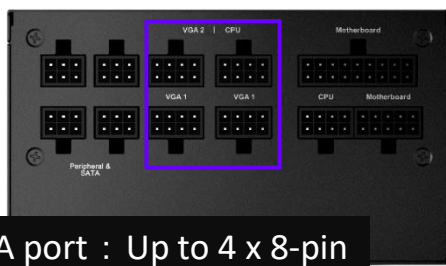


SPECIFICATIONS

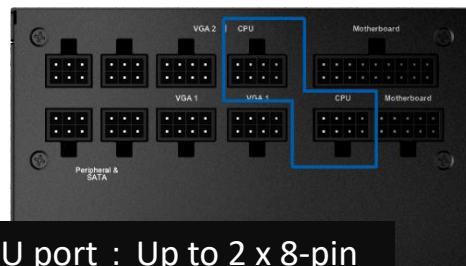
Product Name	MPG A650GF
PSU Form Factor	ATX
Power Watt	650W
Input Voltage	100-240Vac
Input Current	115Vac/10.0A max. 230Vac/5.0A max.
Input Frequency	47Hz ~ 63Hz
Efficiency	Up to 90% (80 Plus Gold)
Fan Type	FDB Bearing
Fan Size	140 mm
PFC Type	Active PFC
Protection	OCP / OVP / OPP / OTP / SCP / UVP
Dimension	150mm x 160mm x 86mm

- Full Module Cable design
- Flat Cable equipment
- 80 Plus Gold Certified for High Efficiency
- 100% all Japanese 105°C capacitor
- Active PFC design
- 10-year warranty
- Supports latest Nvidia graphic card design
- Industrial level protection with OVP,OCP,OPP,OTP, SCP,UVP
- LLC Half Bridge Topology with DC-DC Module Design

MPG A650GF								
DC output	+5V	+3.3V	+12VMBPH	+12VVCPU	+12VVGA1	+12VVGA2	-12V	+5Vsb
	20.0A	20.0A	25.0A	25.0A	30.0A	30.0A	0.3A	2.5A
Total power	100W			650W				
	650W							



VGA port : Up to 4 x 8-pin



CPU port : Up to 2 x 8-pin

CONNECTORS



x1 ATX CONNECTOR
24-PIN
500mm ± 10mm



x2 EPS CONNECTOR
8-PIN (4+4)
600mm ± 10mm



x4 PCI-E CONNECTOR
8-PIN (6+2)
500mm ± 10mm



x8 SATA CONNECTOR
(4 SATA)
950mm ± 10mm



x5 PERIPHERAL / FDD CONNECTOR
4-PIN
1100mm ± 10mm