



REGULATOR

ATX 3.0 SWITCHING POWER SUPPLY



- ATX 3.0 ready with 12VHPWR 600W connector
- 80 Plus GOLD Certified
- Switchable semi-fanless mode
- Super-quiet 120 mm FDB fan
- 100% Japanese capacitors
- Extensive safety functions (OVP, UVP, OPP, SCP, OCP, OTP, SIP)
- Impressive compact design with 14 cm depth

	KL-R750FG					KL-R850FG					KL-R1000FG					KL-R1200FG				
AC Input	100–240 V, 5.5–11 A, 47–63 Hz					100–240 V, 5.5–11 A, 47–63 Hz					100–240 V, 6.5–13 A, 47–63 Hz					100–240 V, 8–15 A, 47–63 Hz				
DC Output	+3.3 V	+5 V	+12 V	-12 V	+5 V SB	+3.3 V	+5 V	+12 V	-12 V	+5 V SB	+3.3 V	+5 V	+12 V	-12 V	+5 V SB	+3.3 V	+5 V	+12 V	-12 V	+5 V SB
Max Current	20 A	20 A	62.5 A	0.3 A	3 A	20 A	20 A	70.5 A	0.3 A	3 A	20 A	20 A	83 A	0.3 A	3 A	20 A	20 A	100 A	0.3 A	3 A
Max Power	130 W		750 W	3.6 W	15 W	130 W		846 W	3.6 W	15 W	130 W		996 W	3.6 W	15 W	130 W		1200 W	3.6 W	15 W
Total Power	750 W (rated max. output)					850 W (rated max. output)					1000 W (rated max. output)					1200 W (rated max. output)				

	Regulator 700W	Regulator 850W	Regulator 1000W	Regulator 1200W
Product Code	KL-R750FG	KL-R850FG	KL-R1000FG	KL-R1200FG
EAN	5999094005396	5999094005402	5999094005419	5999094005426
UPC	843816102885	843816102892	843816102908	843816102915
Color Box Dimensions	295 x 210 x 110 mm			
Gross Weight	2.47 kg	2.49 kg	2.60 kg	2.66 kg
Masterbox Gross Weight	12.85 kg	13.00 kg	13.70 kg	13.85 kg
Quantity per Masterbox	5			
Masterbox EAN	5999094005525	5999094005532	5999094005549	5999094005556

Specifications

PSU Type	ATX 3.0			
PFC Type	Active PFC			
Input Voltage	100–240 V			
Input Frequency	47–63 Hz			
Input Current	5.5–11 A	5.5–11 A	6.5–13 A	8–15 A
Dimensions (L x W x H)	140 x 86 x 150 mm (W x H x D)			
Fan Type	Fluid Dynamic Bearing 120 mm			
Circuit Type	LLC + DC/DC			
Hold Up Time (V)	>17ms			
Efficiency Level	80 Plus GOLD 115V			
Minimum efficiency 20/50/100% Load 115V Input	87%/90%/87%			
Minimum efficiency 20/50/100% Load 230V Input	90%/92%/89%			
MTBF	15.000h at 80% Load			
Operating Temperature	0 °C–50 °C			
Protections	OVP, UVP, SCP, OPP, OTP, OCP, SIP			
Regulatory Compliance	80 PLUS GOLD 115V INTERNAL, CE-EMC, CB, LVD, UKCA, FCC, C-TICK, RoHS, cTUVus			

Regulator 750W

20+4 PIN Exposed (600 mm)	1
12V 4+4 PIN Exposed (650 mm)	2
SATA Exposed (500 mm) + SATA (150 mm) + SATA (150 mm)	2
PATA Exposed (500 mm) + PATA (150 mm) + PATA (150 mm) + PATA (150 mm)	1
PCIe 6+2 P Exposed (AWG#18, 600 mm)	2
PCIe 6+2 P Exposed (AWG#16, 600 mm) + PCIe 6+2 P (AWG#18, 150 mm)	1
12VHPWR Exposed (AWG#16, 600 mm)	1

Modular Sockets

MB Powersocket	1	SATA/PATA socket	4
CPU/PCIe socket	4	12VHPWRsocket	1

Regulator 850W

20+4 PIN Exposed (600 mm)	1
12V 4+4 PIN Exposed (650 mm)	2
SATA Exposed (500 mm) + SATA (150 mm) + SATA (150 mm)	2
PATA Exposed (500 mm) + PATA (150 mm) + PATA (150 mm) + PATA (150 mm)	1
PCIe 6+2 P Exposed (AWG#18, 600 mm)	2
PCIe 6+2 P Exposed (AWG#16, 600 mm) + PCIe 6+2 P (AWG#18, 150 mm)	1
12VHPWR Exposed (AWG#16, 600 mm)	1

Modular Sockets

MB Powersocket	1	SATA/PATA socket	4
CPU/PCIe socket	4	12VHPWRsocket	1

Regulator 1000W

20+4 PIN Exposed (600 mm)	1
12V 4+4 PIN Exposed (650 mm)	2
SATA Exposed (500 mm) + SATA (150 mm) + SATA (150 mm) + SATA (150 mm)	1
SATA Exposed (500 mm) + SATA (150 mm) + SATA (150 mm)	1
PATA Exposed (500 mm) + PATA (150 mm) + PATA (150 mm) + PATA (150 mm)	1
PCIe 6+2 P Exposed (AWG#18, 600 mm)	2
PCIe 6+2 P Exposed (AWG#16, 600 mm) + PCIe 6+2 P (AWG#18, 150 mm)	1
12VHPWR Exposed (AWG#16, 600 mm)	1

Modular Sockets

MB Powersocket	1	SATA/PATA socket	4
CPU/PCIe socket	5	12VHPWRsocket	1

Regulator 1200W

20+4 PIN Exposed (600 mm)	1
12V 4+4 PIN Exposed (650 mm)	2
SATA Exposed (500 mm) + SATA (150 mm) + SATA (150 mm) + SATA (150 mm)	2
PATA Exposed (500 mm) + PATA (150 mm) + PATA (150 mm) + PATA (150 mm)	1
PCIe 6+2 P Exposed (AWG#18, 600 mm)	2
PCIe 6+2 P Exposed (AWG#16, 600 mm) + PCIe 6+2 P (AWG#18, 150 mm)	1
12VHPWR Exposed (AWG#16, 600 mm)	1

Modular Sockets

MB Powersocket	1	SATA/PATA socket	4
CPU/PCIe socket	5	12VHPWRsocket	1

Cable Specifications—Black, Fully Modular Flat Cables