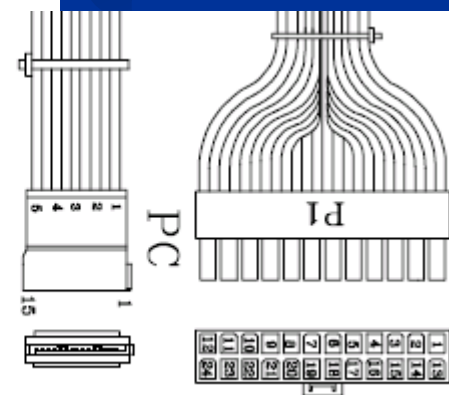
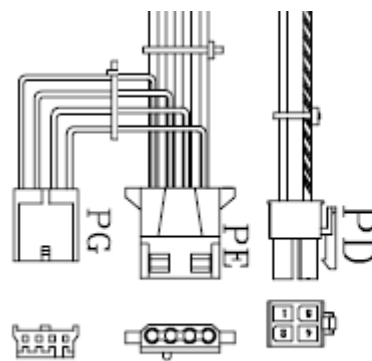
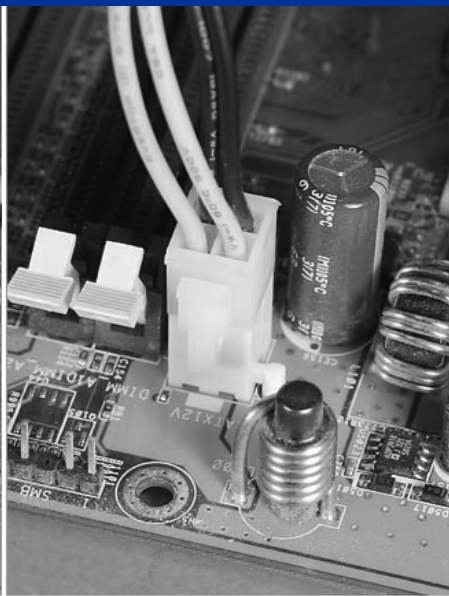
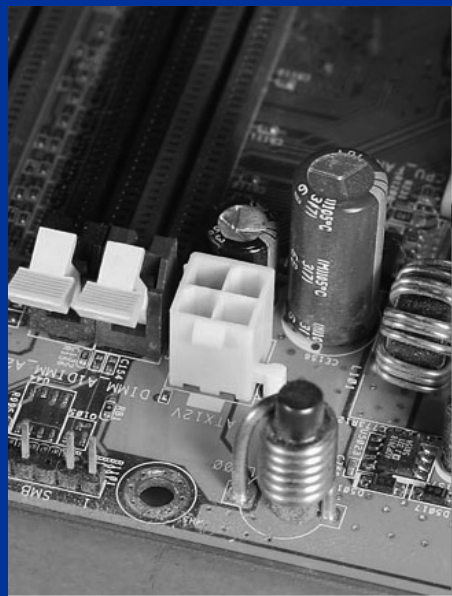
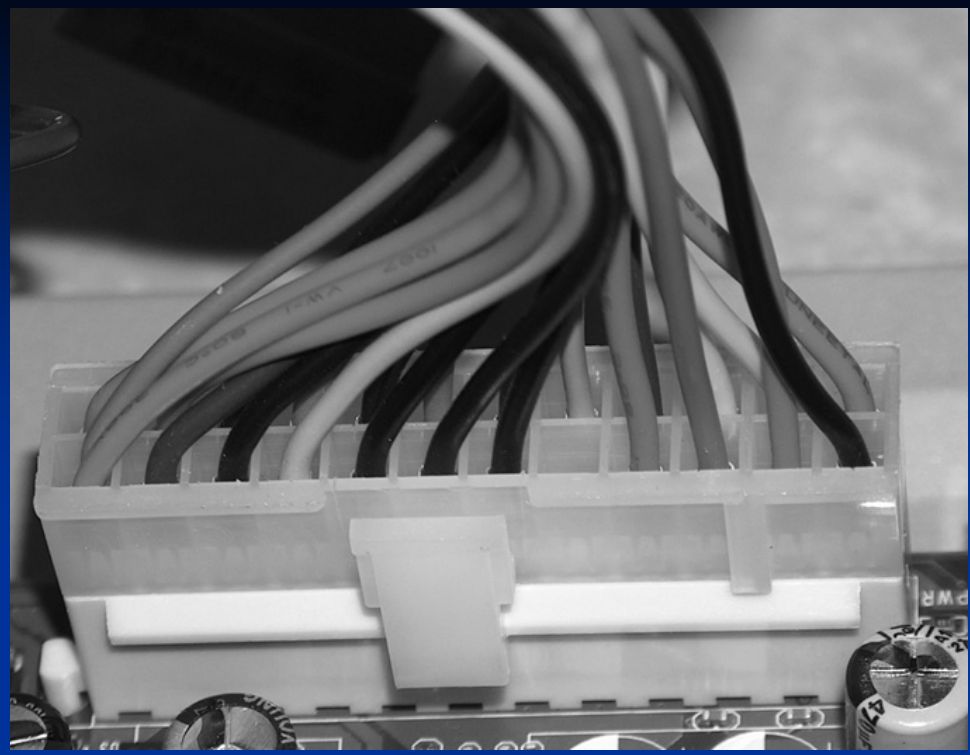
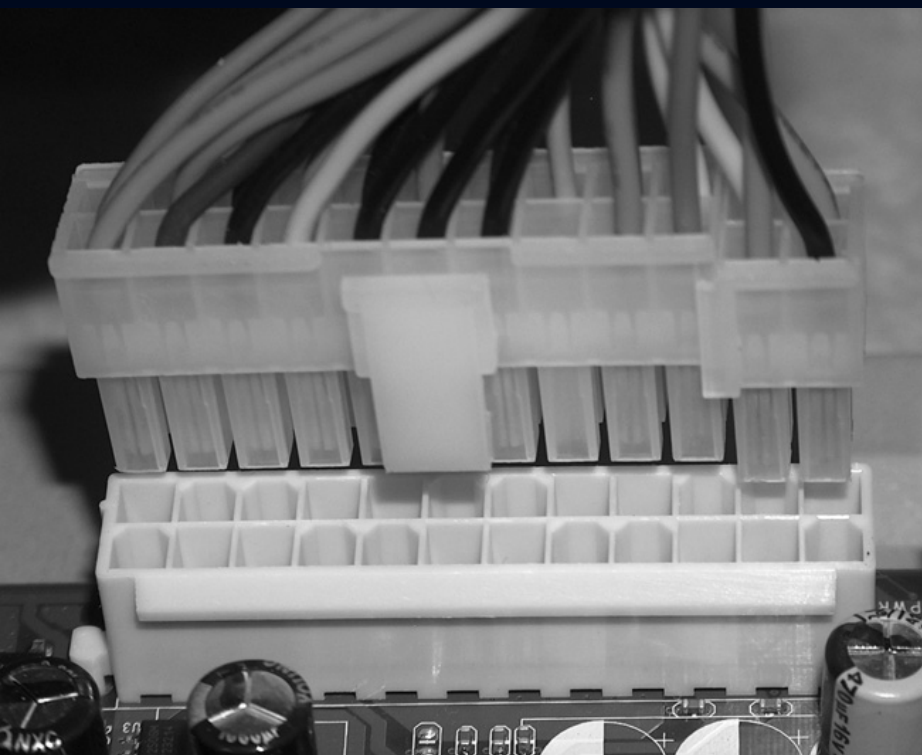


Tolerance výstupních napětí

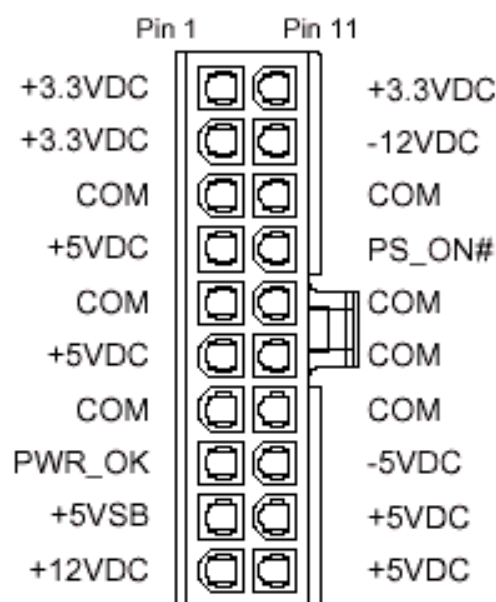
Výstupní napětí	Tolerance	Minimální napětí [V]	Maximální napětí [V]
+12VDC	$\pm 5\%$	+11.40V	+12.60V
+5VDC	$\pm 5\%$	+4.75V	+5.25V
+3.3VDC	$\pm 5\%$	+3.14V	+3.47V
-12V	$\pm 10\%$	-10.80V	-13.20V



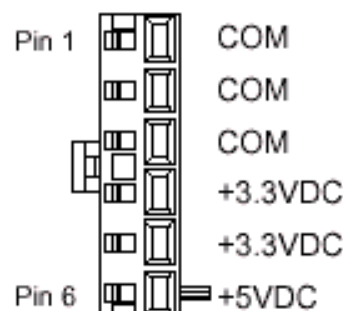




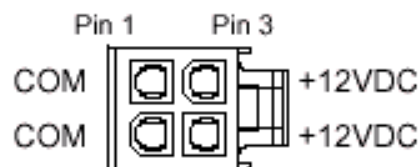
Konektory zdrojů



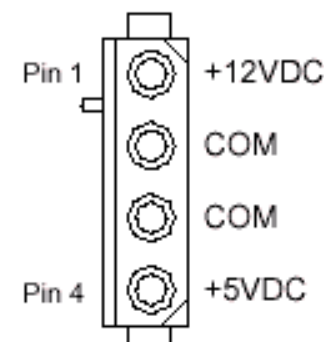
Main Power Connector



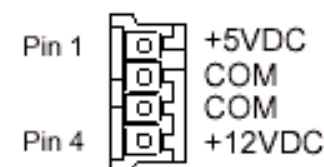
Aux Power Connector



+12V Power Connector



Peripheral Power Connector

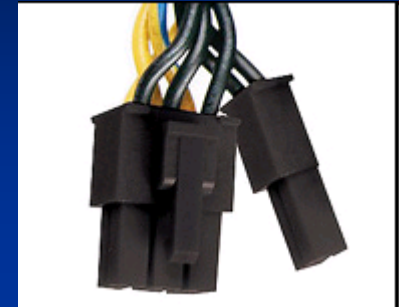









Floppy Drive Power Connector

Typical ATX and ATX12V Power Supply Connectors
(Pin-side view, not to scale)

Konektory zdrojů

- PCI - E 6+2pin (8P)
- PCI – E 6pin
- EPS/ATX 12V (4+4pin)

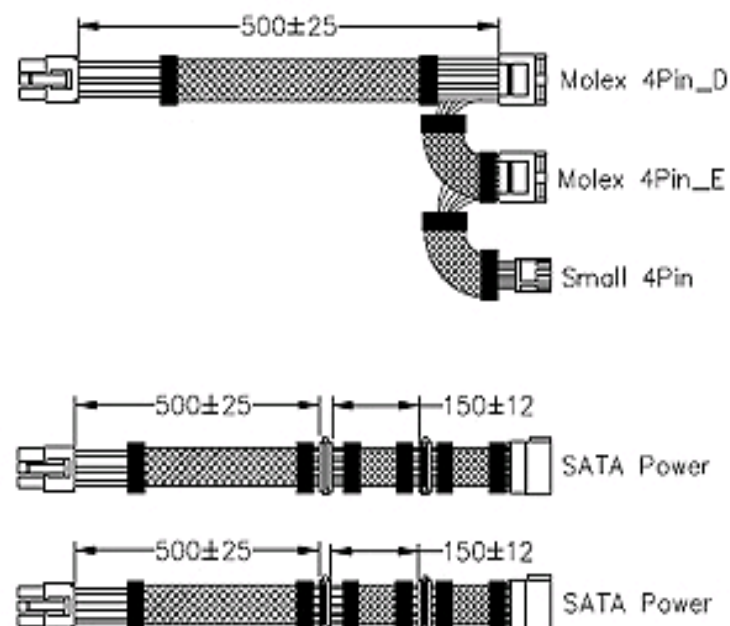
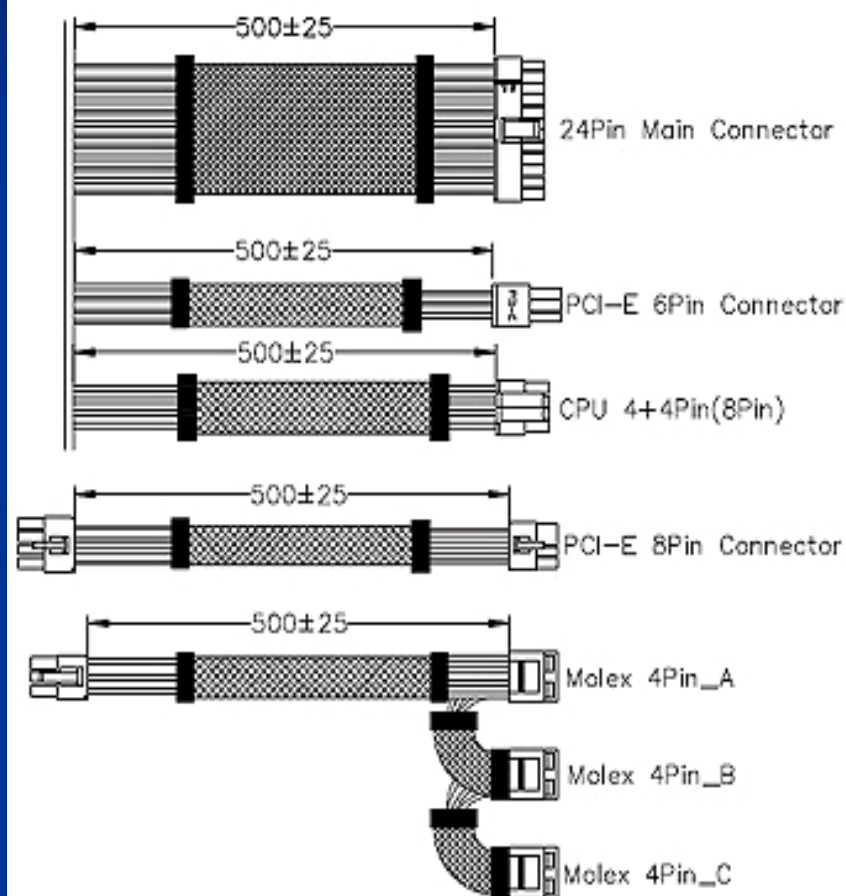


P/N	CABLE MODEL							
		Main Power Connector (24Pin)	EPS/ATX 12V (4+4Pin)	PCI-E (6+2Pin)	PCI-E (6Pin)	SATA (5Pin)	Peripheral (4Pin)	FDD (4Pin)
W0146	TR2 RX 450W	1	1	1	1	6	5	1

Řídící signály zdrojů

- 5VSB
- PS-ON#
- PW_OK

Modulární systém konektorů



Konektory a kabely

Model	Connector Type	Connectors & Cable length
450W	24pin	1 x 24pin Main connector (500mm)
	ATX 12V 4+4pin	1 x ATX 12V 4+4pin connector (500mm)
	SATA	3 x S-ATA connectors (500mm + 150mm + 150mm) 3 x S-ATA connectors (500mm + 150mm + 150mm)
	PCI-E 6+2pin	1 x 6+2pin PCI-E connector (500mm)
	PCI-E 6pin	1 x 6pin PCI-E connector (500mm)
450W	Molex & FDD	2 x Peripheral & 1 x FDD connectors (500mm + 150mm + 150mm) 3 x Peripheral connectors (500mm + 150mm + 150mm)

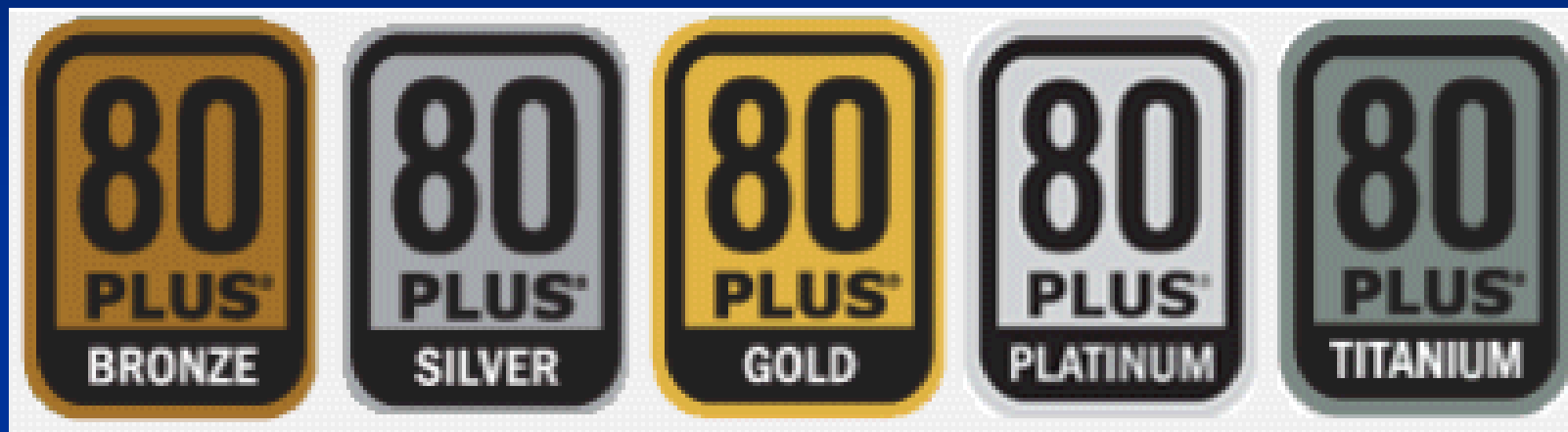
Enermax Revolution 85+ (1250W)



Více 12V větví (6x12V á 30A= 104A)

Model	ERV850EWT		ERV950EWT		ERV1050EWT		ERV1250EGT	
AC Input Voltage	115-240VAC, 50-60Hz, Active PFC (Maximum range: 100-264VAC, 47-63Hz)						220-240VAC, 50-60Hz Active PFC	
AC Input Current	9-4.5A		10-5A		11-5.5A		7.5-6A	
DC Output								
	Rated	Combined	Rated	Combined	Rated	Combined	Rated	Combined
+3.3V	0-25A	160W	0-25A	170W	0-25A	170W	0-25A	170W
+5V	0-25A		0-25A		0-25A		0-25A	
+12V1	0-30A	840W (70A)	0-30A	948W (79A)	0-30A	1044W (87A)	0-30A	1248W (104A)
+12V2	0-30A		0-30A		0-30A		0-30A	
+12V3	0-30A		0-30A		0-30A		0-30A	
+12V4	0-30A		0-30A		0-30A		0-30A	
+12V5	0-30A		0-30A		0-30A		0-30A	
+12V6	0-30A		0-30A		0-30A		0-30A	
-12V	0-0.6A	7.2W	0-0.6A	7.2W	0-0.6A	7.2W	0-0.6A	7.2W
+5Vsb	0-5A	25W	0-5A	25W	0-5A	25W	0-5A	25W
Total Power	850W		950W		1050W		1250W	
Peak Power	1020W		1140W		1260W		1500W	

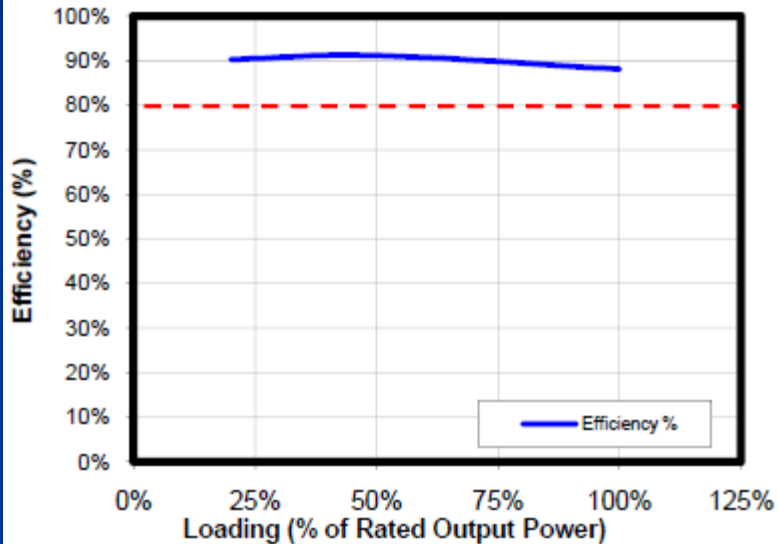
Účinnost zdrojů – 80 PLUS



Přehled certifikace 80 PLUS

	Hodnota minimální účinnosti			
Hodnota zatížení	80 Plus E-Star 4.0	80 Plus Bronze	80 Plus Silver	80 Plus Gold
20%	80%	82%	85%	87%
50%	80%	85%	88%	90%
100%	80%	82%	85%	87%

Efficiency of the Power Supply



AIR FLOW TECHNOLOGY –
Uniquely design ventilation holes
that allow natural aero dynamics to improve extraction



OUTSTANDING LOOK & FEEL –
Black coating with gold crown
& unique granite touch finishing

12cm FLUID DYNAMIC BEARING (FDB) FAN –
To achieve the state of equilibrium between
acoustic, cooling and life span, keeping your PSU cooler than ever!

AURUM SERIES AU-700

AC Input	100-240Vac~ 10-5A 50-60Hz							
DC Output	3.3V	5V	12V1	12V2	12V3	12V4	-12V	5Vsb
Max. Output Current	28A	28A	18A	18A	18A	18A	0.5A	3.5A
Max. Combined Power	160W		672W				23.5W	
Total Power	700W							



MAIN 20+4 PIN (1)



EPS 8 PIN (1)



P4 | EPS 4+4 PIN (1)



PCI-E 8 PIN (6+2) (4)



SERIAL ATA 15 PIN (7)



MOLEX 4 PIN (4)



FDD 4 PIN (1)

Spotřeba komponent PC

Komponenta	maximální spotřeba
PCle grafika	75W
PCle grafika s přídavným napájením	až 110W
přídavná PCI karta	5-10W
disketová mechanika	5W
optická mechanika	10-25W
pevný disk 7200ot	10-25W
základní deska (samotná)	25-60W
operační paměť	8W na 128MB (1GB tedy cca až 64W)
Procesor Intel Pentium4	nejvýkonnější až 130W po taktování výrazně více
AMD 64	nejvýkonnější až 110W
ventilátory	1-9W v závislosti na velikosti či osvětlení
Katody	3W

Pasivní PFC

Aktivní PFC

