

# Switch Mode Power Supply -Intel EPS 12V- SS-400/500L1U Active PFC



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## Features:

- Specification compliance: Intel EPS 12V
- DC to DC converter design
- High efficiency and reliability
- Low THD
- Low ripple & noise
- Super low noise fan control
- Short circuit protection on all outputs
- Over voltage protection
- Over power protection
- 100% hi-pot test
- 100% burn in, high temperature cycled on/off

## DC Outputs:

Model	DC Outputs					Total power	Input type
	+3.3V	+5V	+12V Combined	-12V	+5Vsb		
SS-500L1U Active PFC	20A	20A	40A	0.3A	2.5A	500W	Full range
	100W <sup>1</sup>		480W	3.6W	12.5W		
SS-400L1U Active PFC	20A	20A	32A	0.3A	2.5A	400W	Full range
	80W <sup>1</sup>		384W	3.6W	12.5W		

Remarks: 1. Combined +3.3VDC & +5V DC maximum power

Dimension: L235 x W100 x H40mm  
(9.3" x 3.9" x 1.6")

## Connectors:

Customized modular cables

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## Electrical Specifications:

- Input frequency: 47/63 Hz
- Inrush current, cold start: 100A max.
- Efficiency, at normal input voltage: > 87%
- Line regulation: +/-1% typical
- Load regulation: +/-5% typical
- Cross regulation: +/-5% typical
- Ripple / noise: 1%
- MTBF, full load @ 25°C amb. : >100K hours  
(Excluding the DC fan)
- Power Factor Correction: Active PFC 99% typical

**Safety:** CUL, TUV, CB

**EMC:** CE, FCC, C-tick

Specification may change without prior notice

