

**Switch Mode Power Supply -ATX12V v2.3-
SS-650HT Active PFC**



www.seasonic.com



Features:

- Specification compliance: ATX12V v2.3
- Support the latest Intel & AMD Socket
- PCI Express & Serial ATA ready
- Double forward converter circuit
- High efficiency and reliability
- 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-650HT Active PFC	24A	30A	52A	0.8A	3A	650W	Full range
	170W ¹		624W	9.6W	15W		

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

Electrical Specifications:

- Input frequency: 47/63 Hz
- Inrush current, cold start: 100A max.
- Efficiency, at normal input voltage: > 82%
- 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, CCC, D, N, S, FI, GOST-R, BSMI, UKR

EMC: CE, FCC, C-tick

Specification may change without prior notice

Dimension: L150 x W140 x H86mm
(5.9" x 5.5" x 3.4")

Connectors:

- Main Power (24/20P) x 1
- ATX12V (8P/4P) x 1
- ATX12V (8P) x 1
- PCI Express(8P/6P) x 2
- PCI Express(6P) x 2
- Peripherals: SATA, HDD, FDD

Sea Sonic Electronics Co., Ltd.
www.seasonic.com
sales@seasonic.com.tw
Tel: +886 2 2659 0338
Fax: +886 2 2659 0530

Seasonic Electronics Inc.
www.seasonicusa.com
usa@seasonic.com
Tel: +1 626 969 9966
Fax: +1 626 969 9986

Sea Sonic Europe B.V.
europe@seasonic.com
Tel: +31 (0)10-2262131
Fax: +31 (0)10-2519947

