



Absolute Power
with Ultimate Endurance

HV ⁸⁵⁺ PRO

550W / 650W
ATX Power Supply

- Complies with ATX12 v2.52 & EPS12 V2.92
- Efficiency 88% @ typical Load
- Active PFC ≥ 0.9
- Hold up time $\geq 17\text{ms}$ @ 80% Load
- Durable 450V/105°C main cap
- +5V & 3.3V DC to DC module design
- +12V Single-Rail Design
- 120mm Silent & long life Sleeve Fan
- Complete Protections: OCP/OVP/OPP/SCP



450V, 105°C
Main Capacitor



DC-DC
Module

**+12V
SINGLE**

Powerful +12V
Single Rail



Advanced Thermal
Control Fan



Latest Safety
Regulation



FSP TECHNOLOGY INC.

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About FSP

Founded in 1993 and is ranked as one of the world's leading power supply manufacturers. With a production capacity that complements a complete product line, FSP is well positioned to solve the various power supply needs of consumers. Among all manufacturers, we are the world's top holder of 80 PLUS certifications. Our best-in-class environmentally friendly and high-quality power products offer consumers a means to enjoy technology while minimizing the impact on the environment.

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HV **85⁺**
PRO

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Dependable Capacitor for Quality Care

The bulk capacitor inside serves to support working under an extremely harsh environment, such as with high temperatures, peak voltage fluctuations. It stabilizes the performance for high reliability that your system can count on.



Low Noise, Less Heat

A 120mm Sleeve Fan, an advanced thermal control fan makes optimal cooling and reduces noise. And longer lifespan than a standard fan.

+12V
SINGLE

Unleash +12V Power Output

VGA card is a component which needs greedy and stable power supporting most. A single +12V rail design that VGA cards full power individually and to avoid any overloading conditions.



Custom DC-DC Module

DC to DC modules to improve the reliability and greater compatibility with the quality with low ripple noise to reduce interference of system components, and prolong system lifetime.

Power Rating

Model	+3.3V	+5V	+12V	-12V	+5Vsb	Total Power
FSP550-51AAC	20A	20A	45.8A	0.3A	2.5A	550W
	100W		550W	3.6W	12.5W	
FSP650-51AAC	20A	20A	54.1A	0.3A	2.5A	650W
	100W		649.2W	3.6W	12.5W	

Wire Configuration

Model /Cable	24 Pin 550mm	4+4 Pin 700mm+150mm	PCI-E 6+2 Pin 500mm+155mm	SATA	Molex	Floppy
FSP550-51AAC	1	2	2	5	2	1
FSP650-51AAC	1	2	2	5	2	1

