

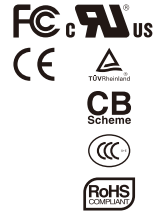
AC-DC Industrial Power Supply

FlexATX Single FSAK H Series

AC PFC I/P, 150W ~ 300W O/P

Features

- . Configurable O/P for high 12V: Intel platform, and for high +5V/+3.3V: VME, VMX, CPCI application
- . -12V/5A, +24V/5A O/P for industrial application
- . Operating temperature range from -10°C ~ 50°C
- . Build in DC remote ON/OFF, PG/PF TTL signal
- . Build in long life ball bearing fan (Delta)
- . Build in thermal fan speed for noisy reduction
- . Complies with FCC, CE, NEBS, RoHS requirements
- . UL/cUL, TUV, CCC and CB EN 60950-1 certified
- . MTBF 100KHRs at full load 25°C



Electrical Specifications

AC Input:

- . Input Voltage: 90 ~ 264Vac (Active PFC > 0.95)
- . Input Current: 5.0A max.
- . Input Frequency: 47 ~ 63 Hz
- . Inrush Current: 50A max. @ cold start

- . Leakage Current: 1.2mA max. @ 240Vac
- . Efficiency: > 80% @ 20%, 50%, full load, 115 ~ 230Vac

DC Output: 360W ~ 540W Max.

Output Rail	Output Voltage	Min. Load (A)	150W Max. (A)	200W Max. (A)	250W Max. (A)	300W Max. (A)	Load Reg.	Ripple & Noise
V1	+12V	0.5	12.5	16.5	20.8	25	±5%	120mV
V2	+5V	0	13/21	13/21	15/21	15/21	±5%	50mV
V3	+3.3V	0	14/21	14/21	19/21	19/21	±5%	50mV
V5	-12V	0	0.3/0.8	0.3/0.8	0.3/0.8	0.3/0.8	±10%	120mV
V6	+5Vsb	0	2/3	2/3	2/3	2/3	±5%	50mV

- . V2 to V5 can be configured to be either +5V, +3.3V, +24V, -5V, or -12V O/P
- . When V2, V3, V4 are used in parallel (+5V or +3.3V O/P), the O/P is derated to 90% of max. rated current
- . Remote ON/OFF: High state/PS OFF, Low state/PS ON
- . PG delay: 100 ~ 500 msec. , PF delay: >1 msec.
- . Hold-up time: 16 msec. (minimum) @ 80% load
- . Rise time: 20 msec. (maximum) @ full load
- . Power-on time: 200 msec. (maximum) @ full load
- . Support OPP, OCP, OVP and SCP

Mechanical Dimension

W x L x H = 81.5 x 150 x 40.5 mm / 3.2 x 5.9 x 1.6 inches

