

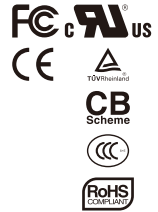
# AC-DC Industrial Power Supply

## FlexATX Single FSAK J Series

AC PFC I/P, 150W ~ 270W 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 ~ 40°C
- Build in DC remote ON/OFF, PG/PF TTL signal
- Application of cost effective design
- 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: 80A max. @ cold start
- Leakage Current: 600uA max. @ 240Vac
- Efficiency: > 78% @ Typical load, 115Vac

#### DC Output: 150W ~ 270W Max.

Output Rail	Output Voltage	Min. Load (A)	150W Max. (A)	180W Max. (A)	200W Max. (A)	220W Max. (A)	250W Max. (A)	270W Max. (A)	Load Reg.	Ripple & Noise
V1	+12V	0.6	10	12	14	16	18	20	±5%	120mV
V2	+5V	0.2	11	13	13	13	13	13	±5%	50mV
V3	+3.3V	0.1	12	14	14	14	14	14	±5%	50mV
V5	-12V	0	0.3	0.3	0.3	0.3	0.3	0.3	±10%	120mV
V6	+5Vsb	0	2	2	2	2	2	2	±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: 12 msec. (minimum) @ 80% load
- Rise time: 20 msec. (maximum) @ full load
- Power up time: 200 msec. (maximum) @ full load
- No-load operation
- 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

