

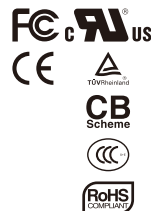
# AC-DC Industrial Power Supply

## PS/2 Single FSAK P Series

AC PFC I/P, 360W ~ 1000W O/P

### Features

- . 360 ~ 1000W 9 outputs, AC active PFC input design
- . 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
- . Input Current: 15.0A max.
- . Input Frequency: 47 ~ 63 Hz
- . Inrush Current: 50A max. @ cold start
- . Leakage Current: 700uA max. @ 240Vac
- . Efficiency: > 80% @ 20%, 50%, full load, 115 ~ 230Vac

#### DC Output: 360W ~ 600W Max.

Output Rail	Output Voltage	Min. Load (A)	360W Max. (A)	420W Max. (A)	480W Max. (A)	540W Max. (A)	600W Max. (A)	Load Reg.	Ripple & Noise
V1	+12V	0.5	30	35	40	45	50	±5%	120mV
V1a	+12V	0	15	15	15	15	15	±5%	120mV
V2	+5V	0	15/30	15/30	19/30	24/30	24/30	±5%	50mV
	+3.3V	0	30	30	30	30	30	±5%	50mV
V2a	+5V	0	30	30	30	30	30	±5%	50mV
	+3.3V	0	30	30	30	30	30	±5%	50mV
V3	+5V	0	30	30	30	30	30	±5%	50mV
	+3.3V	0	21/30	24/30	24/30	24/30	24/30	±5%	50mV
V3a	+5V	0	30	30	30	30	30	±5%	50mV
	+3.3V	0	30	30	30	30	30	±5%	50mV
V4	+5V	0	30	30	30	30	30	±5%	50mV
	+3.3V	0	30	30	30	30	30	±5%	50mV
	+24V	0	5	5	5	5	5	±5%	240mV
	-12V	0	5	5	5	5	5	±10%	120mV
V5	-5V	0	1	1	1	1	1	±10%	100mV
	-12V	0	0.5/0.8	0.5/0.8	0.5/0.8	0.5/0.8	0.5/0.8	±10%	120mV
V6	+5Vsb	0	3/4	3/4	3/4	3/4	3/4	±5%	50mV

# PS/2 Single FSAK P Series

AC PFC I/P, 360W ~ 1000W O/P

DC Output: 660W ~ 1000W Max.

Output Rail	Output Voltage	Min. Load (A)	660W Max. (A)	750W Max. (A)	850W Max. (A)	1000W Max. (A)	Load Reg.	Ripple & Noise
V1	+12V	0.5	55	62.5	70	83	±5%	120mV
V1a	+12V	0	15	15	15	15	±5%	120mV
V2	+5V	0	24/30	24/30	24/30	24/30	±5%	50mV
	+3.3V	0	30	30	30	30	±5%	50mV
V2a	+5V	0	30	30	30	30	±5%	50mV
	+3.3V	0	30	30	30	30	±5%	50mV
V3	+5V	0	30	30	30	30	±5%	50mV
	+3.3V	0	24/30	24/30	24/30	24/30	±5%	50mV
V3a	+5V	0	30	30	30	30	±5%	50mV
	+3.3V	0	30	30	30	30	±5%	50mV
V4	+5V	0	30	30	30	30	±5%	50mV
	+3.3V	0	30	30	30	30	±5%	50mV
	+24V	0	5	5	5	5	±5%	240mV
	-12V	0	5	5	5	5	±10%	120mV
V5	-5V	0	1	1	1	1	±10%	100mV
	-12V	0	0.5/0.8	0.5/0.8	0.5/0.8	0.5/0.8	±10%	120mV
V6	+5Vsb	0	3/4	3/4	3/4	3/4	±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 (1000W model for a min. of 15 msec.)
- . Rise time: 20 msec. (maximum) @ full load
- . Power-on time: 200 msec. (maximum) @ full load
- . No-load operation
- . Support OPP, OCP, OVP and SCP

## Mechanical Dimension

W x L x H = 150 x 140 x 86 mm/5.9 x 5.5 x 3.4

inches

