

# 24V DC Output Power Supply

Model: FP-102 Series (3)

## ■ GENERAL

- Universal AC input / Full range
- Using ZVS technology to reduce power dissipation
- Protections: Short circuit / Overload /Over voltage / Over temp.
- High power density 5.48W/in<sup>3</sup>
- PF>0.99@115VAC; >0.96@230VAC
- Built-in remote sense and ON/OFF control
- With PG / PF signal output
- Forced air cooling by built-in DC fan



## ■ SPECIFICATION

Model	<b>FP-102-750</b>
Output	24V, 0~31.3A
Tol.	±1%
AC input voltage range	90~264V AC ; 127~370V DC
AC inrush current	Cold start, 45A at 230V AC
DC adjustment range	±10% rated output voltage
Setup, Rise, Hold up time	1500ms, 50ms, 16ms at full load and 230V AC
Overload protection	105% ~ 125% constant current limiting, hiccup after 3 sec
Over Voltage protection	115% ~ 140% rated output voltage
Withstand voltage	I/P-O/P:3KV AC, I/P-FG:1.5KV AC, 1 minute
Working temperature	-20~50°C @ 100%, 60°C @ 60% load
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 Class B, EN61000-3-2,3 , EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2
Connection	5P / 10mm pitch terminal block with cover for input, copper pillars for output
Packing	2.9kg; 6 pcs / 18.4kg / 0.98 CUFT
Size(mm)	278x127x23.5

Document No.: FA.D.FP-102-3 EV1.0



**FAYIN ENTERPRISE LIMITED**

TECHNOLOGY . . QUALITY . . SERVICE . . PRICE . .

8F-2, NO.341, CHUNG HSIAO EAST RD., SEC.4, TAIPEI, TAIWAN, R.O.C.

T:886-2-2772-3316 F:886-2-2711-0119 E:fayin.tw@msa.hinet.net <http://www.fayin.com.tw>