

# Power

for your cable and communications systems...

# Solutions

## **FYGD-E Series Non-standby Power Supply**



- High performance linear transformer (lamination)
- Input and output protection, lightning surge protection
- Current limited output and short-circuit protection
- Automatic restart upon removal of short
- Field selectable output voltage\*
- Powder coated enclosure for outdoor applications
- Pole and wall mount installations
- 5/8" female output connection(s)
- Easy reading ammeter
- Durable LED indicators
- Embedded Power Inserter (EPI)

\* This feature is only available on certain models.



Similar products (from L to R): FYGD-C, FYGD-MS-C, FYGD-F.

# FYGD-E Series Non-standby Power Supply

## Nominal Specifications

Model <sup>1</sup>	Input voltage (VAC) <sup>2</sup>	Input frequency (Hz)	Input fuse protection (A)	Output voltage (VAC)	Output current (A)	Output power (VA)	Net Weight (kg/lbs)
FYGD-E60-10A-W	220 or 240	50	8	60	10	600	14/30.9
FYGD-E60-10A-L	120 or 220	60	8	60	10	600	14/30.9
FYGD-E6090-10A-L	120 or 220	60	8	60/90 <sup>3</sup>	10	600	14/30.9
FYGD-E60-15A-L	120 or 220	60	8	60	15	900	17/37.5
FYGD-E60-15A-W	220 or 240	50	8	60	15	900	17/37.5
FYGD-E90-15A-L	120 or 220	60	10	90	15	1350	21/46.3
FYGD-E6090-15A-W	220 or 240	60	8	60/90 <sup>3</sup>	10/15	900	17/37.5
FYGD-E6090-15A-L	120 or 220	50	8	60/90 <sup>3</sup>	10/15	900	17/37.5
FYGD-E9060-15A-L	120 or 220	60	10	60/90 <sup>3</sup>	15/22.5	1350	21/46.3

1. Please see Ordering Information in next page for details about the model definition.
2. Input voltages of 100VAC 60Hz, 110VAC 60Hz, 115VAC 60Hz, 120VAC 60Hz, 220VAC 60Hz, 230VAC 50Hz and 240VAC 50Hz are available also. Please contact us directly for details.
3. Output voltage of the model is field selectable.
4. Both input voltage and output voltage can be customized. Please contact us for details.

## General Specifications

### Input

Voltage range	±15%
Power factor	>0.90 at full load

### Output

Waveform	Sine wave
Protection	Current limited 150% of max. current rating
Efficiency	≥80%

### Embedded Power Inserter

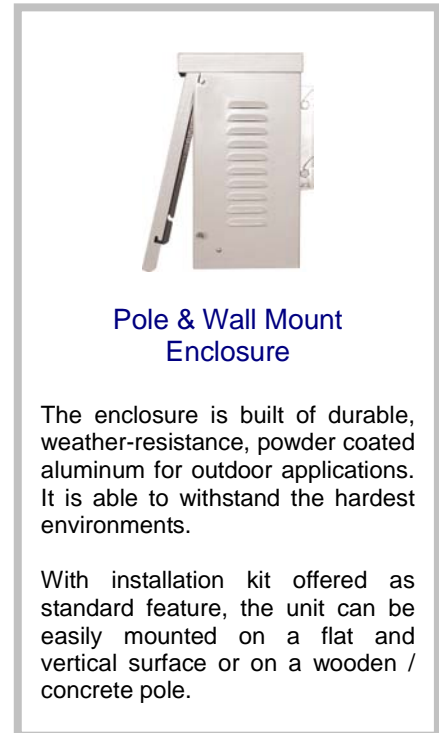
Bandwidth	860MHz
Flatness	± 0.5dB □
Insertion loss	1.5dB (860MHz)
Return loss	14dB

### Mechanical

Input connection	Terminal block or power cord with Standard plug
Output connections	5/8" female and/or terminal block
Finish	Powder coated
Material	Cold rolled steel plate
Dimensions	250x188x174mm 9.8"x7.4"x6.9" □

### Environmental

Operating temperature	-40°C to 55°C / -40°F to 131°F
Operating humidity	0 to 95% non-condensing



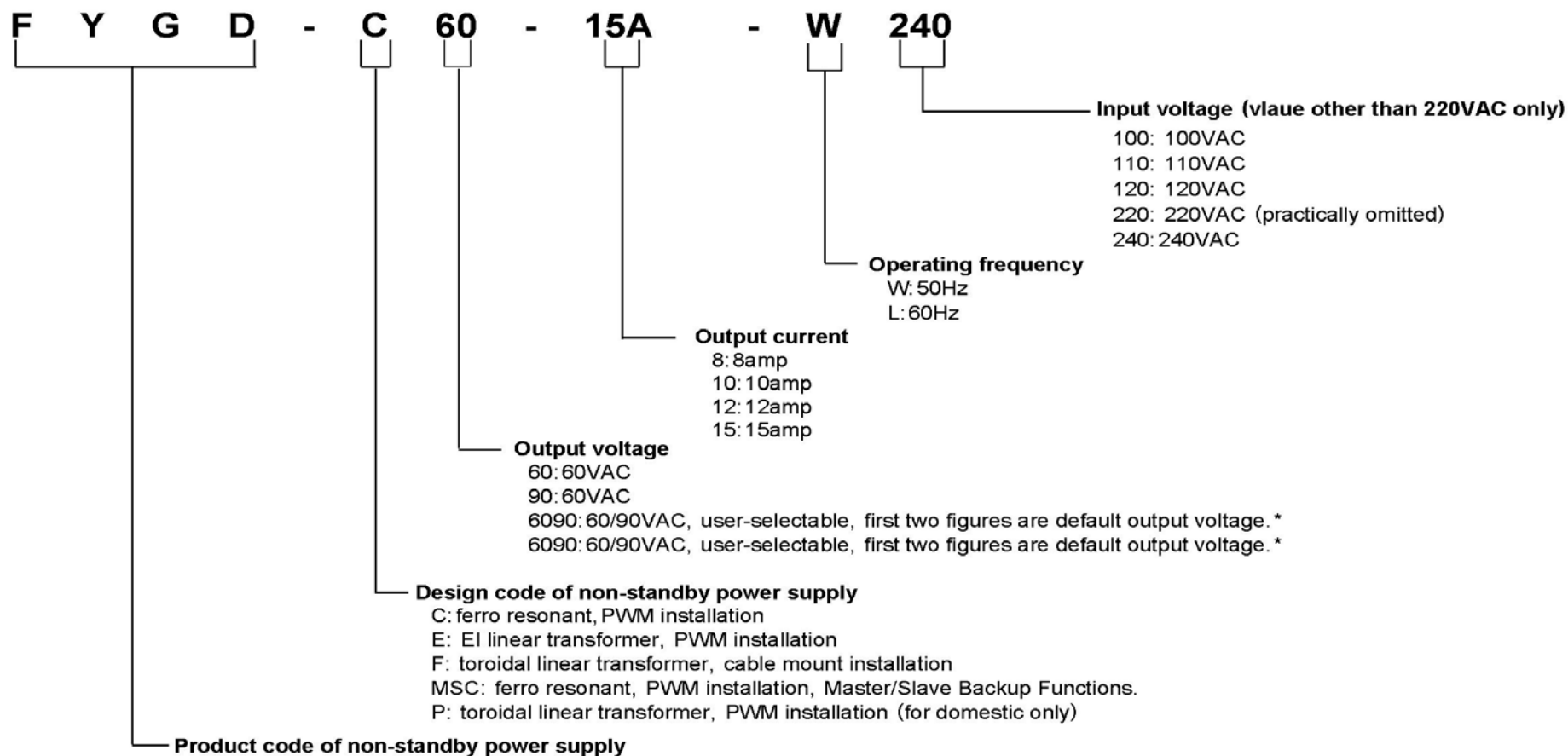
### Pole & Wall Mount Enclosure

The enclosure is built of durable, weather-resistance, powder coated aluminum for outdoor applications. It is able to withstand the hardest environments.

With installation kit offered as standard feature, the unit can be easily mounted on a flat and vertical surface or on a wooden / concrete pole.

# FYGD-E Series Non-standby Power Supply

## Ordering Information / Model Definition



\* Default output voltage is used to verify maximum output power of the unit. Examples: FYGD-C6090-15A-L120, 900VA; FYGD-C9060-15A-L120: 1350VA.

NOTE: output voltage of the unit is not always set to the default before delivery. Always verify output voltage of the unit before feeding to the loads.

### Fangyuan Electric Apparatus Co., Ltd

Jiage Street, Anqiu, Weifang, Shandong Province, P.R.China-262100

Tel: +86-536-4328089 +86-536-4329233 Fax: +86-536-4329121

E-mail: [fydq@fydq.com.cn](mailto:fydq@fydq.com.cn)

[Http://www.fydq.com.cn](http://www.fydq.com.cn)

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