

Power

for your cable and communications systems...

Solutions

FYGD-C Series Non-standby Power Supply



- Constant voltage ferroresonant transformer
- Fully regulated, clean and reliable output AC power
- Input and output protection, lightning surge protection
- Current limited output and short-circuit protection
- Automatic restart upon removal of short
- Field selectable output voltages*
- Powder coated enclosure for outdoor applications
- Pole & wall mount installations
- 5/8" female output connection
- Easy reading ammeter*
- Durable LED indicator
- Optional Time Delay Relay (TDR)

* These features are only available on certain models.



Similar products (from L to R): FYGD-E, FYGD-MSC, FYGD-F.

FYGD-C Series Non-standby Power Supply

Nominal Specifications

Model ¹	Input voltage (VAC) ²	Input frequency (Hz)	Input fuse protection (A)	Output voltage (VAC)	Output current (A)	Output power (VA)	Net Weight (kg/lbs)
FYGD-C60-8A-W	220 or 240	50	8	60	8	480	12/26.5
FYGD-C90-8A-L	120 or 220	60	8	90	8	720	16/35.3
FYGD-C60-10A-W	220 or 240	50	8	60	10	600	15/33.1
FYGD-C6090-10A-L	120 or 220	60	8	60/90 ³	6.6/10	600	15/33.1
FYGD-C60-15A-L	120 or 220	60	8	60	15	900	18/39.7
FYGD-C60-15A-W	220 or 240	50	8	60	15	900	18/39.7
FYGD-C90-15A-L	120 or 220	60	10	90	15	1350	22/48.5
FYGD-C6090-15A-L	120 or 220	60	8	60/90 ³	10/15	900	18/39.7
FYGD-C6090-15A-W	220 or 240	50	8	60/90 ³	10/15	900	18/39.7
FYGD-C9060-15A-L	120 or 220	60	10	90/60 ³	15/22.5	1350	22/48.5

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	-20% to 15%
Power factor	>0.90 at full load

Output

Voltage regulation	5%
Waveform	Quasi-square wave
Protection	Current limited
Short circuit current	150% of max. current rating
Efficiency	≥90%

Mechanical

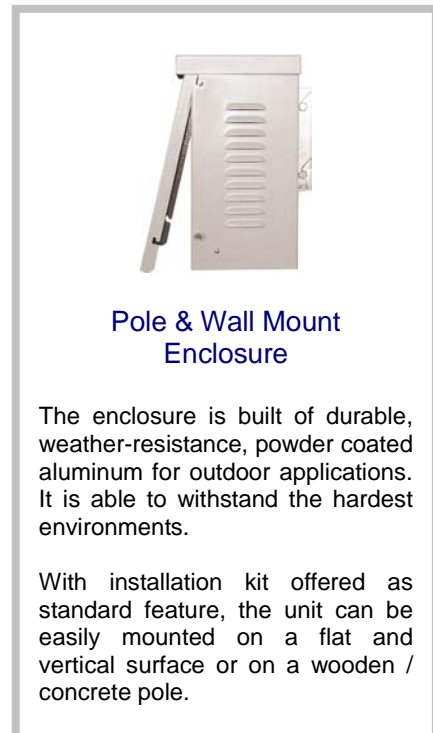
Input connection	Terminal block (3-pin)
Output connections	5/8" female or terminal block
Finish	Power coated
Material	Aluminum
Dimensions	FYGD-C60-8A-W □ 310x188x174mm 12.2"x7.4"x6.9" Other models 335x217x190mm 13.2"x8.5"x7.5"

Environmental

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

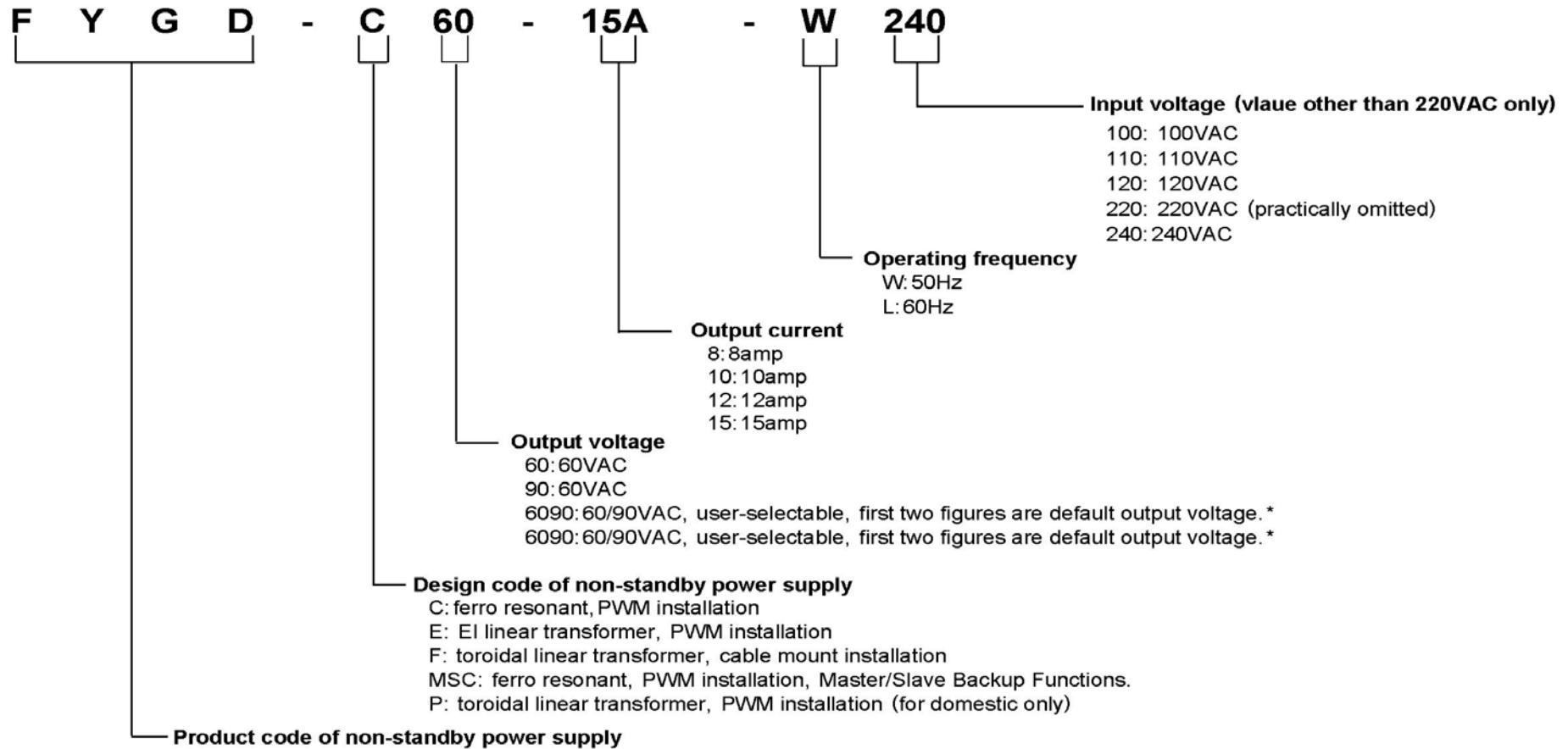
Optional features

TDR	Time delay relay <i>Typical 10 seconds</i>
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FYGD-C 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.

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