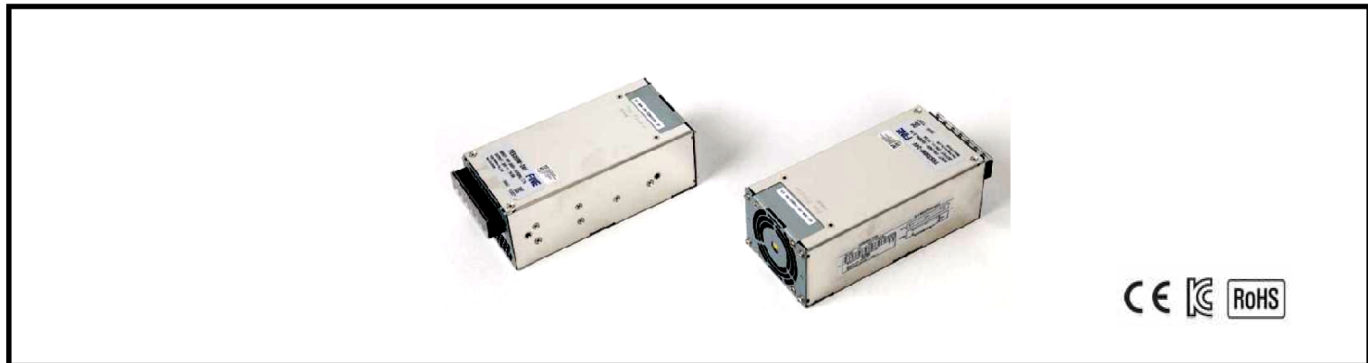
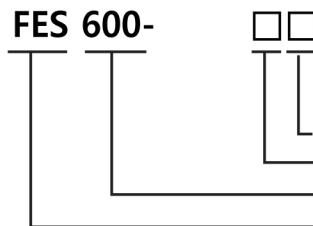


FES 600-12,15,24,48

SINGLE OUTPUT



■ ORDERING INFORMATION



Optional : Terminal type(A)
Output voltage combination
Total output wattage
Series name

- Resonant Converter
- Forced Air Cooling by built-in DC Fan
- Input Voltage Range
(AC IN 187V ~ 264V)
- Built-in Inrush Current
- Protections: Short circuit/Overload
Over voltage/Over temperature
- Complies with FCC-A
- 100% Full load Burn-in test
- 2 Years Warranty

⋈ Terminal type (Non) : Standard terminal
(A) : Angle terminal

■ SPECIFICATIONS

	MODEL	FES 600W-12V	FES 600W-15V	FES 600W-24V	FES 600W-48V
INPUT	VOLTAGE,FREQUENCY	AC 187~264V / DC 240~370V, 47~63Hz			
	CURRENT (A) 220V	3.6	3.6	3.6	3.6
	EFFICIENCY (%) 220V	88	88	90	90
	INRUSH CURRENT (A)	40A typ(AC IN 220V, I _o =100%) at cold start.			
	LEAKAGE CURRENT (mA) (at 220VAC, 60Hz)	0.7<			
OUTPUT	VOLTAGE (V)	12	15	24	48
	CURRENT (A)	50	40	25	12.5
	LINE REGULATION (mV)	45	64	95	200
	LOAD REGULATION (mV)	72	90	150	290
	RIPPLE, NOISE (mVp-p)	160	160	160	390
	OUTPUT VOLTAGE ADJ. RANGE (V)	9.6~14.4	12~18	19~28	38~52
	O.V.P (V)	15~17	18~21	30~35	55~64
	START-UP TIME (mS)	100 Max (AC IN 187V I _o =100%)			
	HOLD-UP TIME (mS)	10 typ (AC IN 187V I _o =100%)			
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically			
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating			
ISOLATION	INPUT-OUTPUT	AC 3,000V 1 minute, DC 500V 100MΩ (At Room Temperature & Humidity)			
	INPUT-CASE · FG	AC 2,000V 1 minute, DC 500V 100MΩ (At Room Temperature & Humidity)			
	OUTPUT-CASE	AC 500V 1 minute, DC 500V 100MΩ (At Room Temperature & Humidity)			
ENVIRONMENT	OPERATING TEMP. AND HUMID.	-10~+50°C , 20~90% RH(Non Condensing)			
	VIBRATION	10~55Hz at 1G 3 minutes periods, 30 minutes along X,Y and Z axis			
	IMPACT	10G for 20ms, Once on each X, Y and Z axis			
SAFETY AND NOISE REGULATIONS	SAFETY REGULATION	Meets UL 1950, CSA-22.2 , EN60950			
	LINE CONDUCTED RF VOLTAGE	Conducted EMI Meets FCC Class A			
OTHERS	DIMENSION	84.0×174.0×63.0(L×W×H)			
	QUALITY ASSURANCE	2 Year Warranty			