FLS 250-05,12,15,24,48

SINGLE OUTPUT



■ ORDERING INFORMATION

FLS 250 □□

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

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

■ Resonant Converter
■ Cooling by Free Air Convection
■ Input Voltage Range
(AC IN 198V ~ 264V)
■ Built-in Inrush Current
■ Protections: Short circuit/Overload
Over voltage/Over temperature
■ Complies with FCC-A
■ 100% Full load Burn-in test
■ 3 Years Warranty

■ SPECIFICATIONS

	MODEL		FLS 250-05	FLS 250-12	FLS 250-15	FLS 250-24	FLS 250-48
INPUT	VOLTAGE,FREQUENCY		AC 198~264V / DC 280~370V, 47~63Hz				
	CURRENT (A)	220V	2.0	2.0	2.0	2.0	2.0
	EFFICIENCY (%)	220V	84	89	90	91	92
	INRUSH CURRENT (A)		40A typ(AC IN 220V, I_o=100%) at cold start.				
	LEAKAGE CURRENT (mA) (at 220VAC, 60Hz)		0.5<				
OUTPUT	VOLTAGE (V)		5	12	15	24	48
	CURRENT (A)		50	23.4	18.6	11.7	5.8
	LINE REGULATION (mV)		20	45	62	97	189
	LOAD REGULATION (mV)		42	97	115	189	378
	RIPPLE, NOISE (mVp-p)		100	150	150	200	250
	OUTPUT VOLTAGE ADJ. RANGE (V)		4~6	9.6~14.4	12~18	19.2~28.8	38.4~53
	O.V.P (V)		6.25~7.25	15~17.4	19~23	31~33	34~65
	START-UP TIME (mS)		100 Max (AC IN 198V I_o=100%)				
	HOLD-UP TIME (mS)		10 typ (AC IN 198V 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 100㏁ (At Room Temperature & Humidity)				
	INPUT-CASE · FG		AC 2,000V 1 minute, DC 500V 100㏁ (At Room Temperature & Humidity)				
	OUTPUT-CASE		AC 500V 1 minute, DC 500V 100㏁ (At Room Temperature & Humidity)				
ENVIRONMENT	OPERATING TEMP. AND HUMID.		-10~+50℃ , 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		82.0×194.5×62.0(L×W×H)				
	QUALITY ASSURANCE		3 Year Warranty				