



- Design for indoor or outdoor installations
- AC input 198~264VAC
- High efficiency up to 89%
- Fanless design, cooling by free air convection
- -20~+50°C wide operating range
- Withstand 5G vibration test
- Meet 4kV surge immunity level (IEC61000-4-5)
- Aluminum case and Heat conduction glue
- Protections : Short circuit / Over current / Over temperature
- Suitable for LED lighting and street lighting applications
- Quality Assurance : 2 years warranty

■ Specification



MODEL		FOS100-12	FOS100-24	FOS240-12	FOS240-24	FOS300-12V	FOS300-24V
AC INPUT 50/60Hz	CURRENT [A]	0.95A / 220VAC		1.9A / 220VAC		2.4A / 220VAC	
	EFFICIENCY [%]	86%	89%	86%	89%	86%	89%
	INRUSH CURRENT	COLD START 60A (width=415μs measured at 50% Ipeak) at 230VAC		COLD START 75A (width=570μs measured at 50% Ipeak) at 230VAC			
DCOUTPUT	VOLTAGE	12V	24V	12V	24V	12V	24V
	CURRENT	8.3A	4.15A	13A	8.3A	18A	11A
	MAX CURRENT	8.3A	4.15A	17A	10A	22A	12.5A
	LINE REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LOAD REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	RIPPLE & NOISE (max.)	200mVp-p	400mVp-p	200mVp-p	400mVp-p	200mVp-p	400mVp-p
OCP	OVER CURRENT PROTECTION	>120%					
ELECTRICALLY ISOLATED	WITHSTAND VOLTAGE	I/P-O/P:2KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC					
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH					
ENVIRONMENT	WORKING TEMP.	-20 ~ +50°C					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)					
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes					
SAFETY & EMC	SAFETY REGULATION	KC					
	EMC	Compliance to EN55015, EN55022 (CISPR22) Class B					
DIMENSION (L×W×H)		143×48×35 mm		166×71×45 mm		188×71×45 mm	
WEIGHT		429g		880g		990g	