



400W/500W

FEATURES

- Fan Speed Control
- Power Good Signal
- OVP
- OCP
- OTP
- Active PFC
- Full Range AC Input
- Ball Bearing Fan
- EMI: FCC Class A
- Short Circuit Protection
- Output On/Off Control

INPUT SPEC.

Input Voltage Range	90~265 Vac
Input Frequency Range	47~63Hz
Leakage Current	0.75mA
Input Current	5.2A@100Vac , 3.8A@200Vac
Power Factor	Over 0.95 during 115V and 230Vac at maximum power load condition

SAFETY

UL, CSA, TUV, CB, CCC, BSMI

GENERAL SPEC.

Hold-up Time	18ms@Max.Load
Dimensions	240 x 100 x 40 (mm)
Operating Temperature	0 C ~ 45 C
Storage Temperature	-40 C ~ 70 C

EFFICIENCY PERFORMANCE

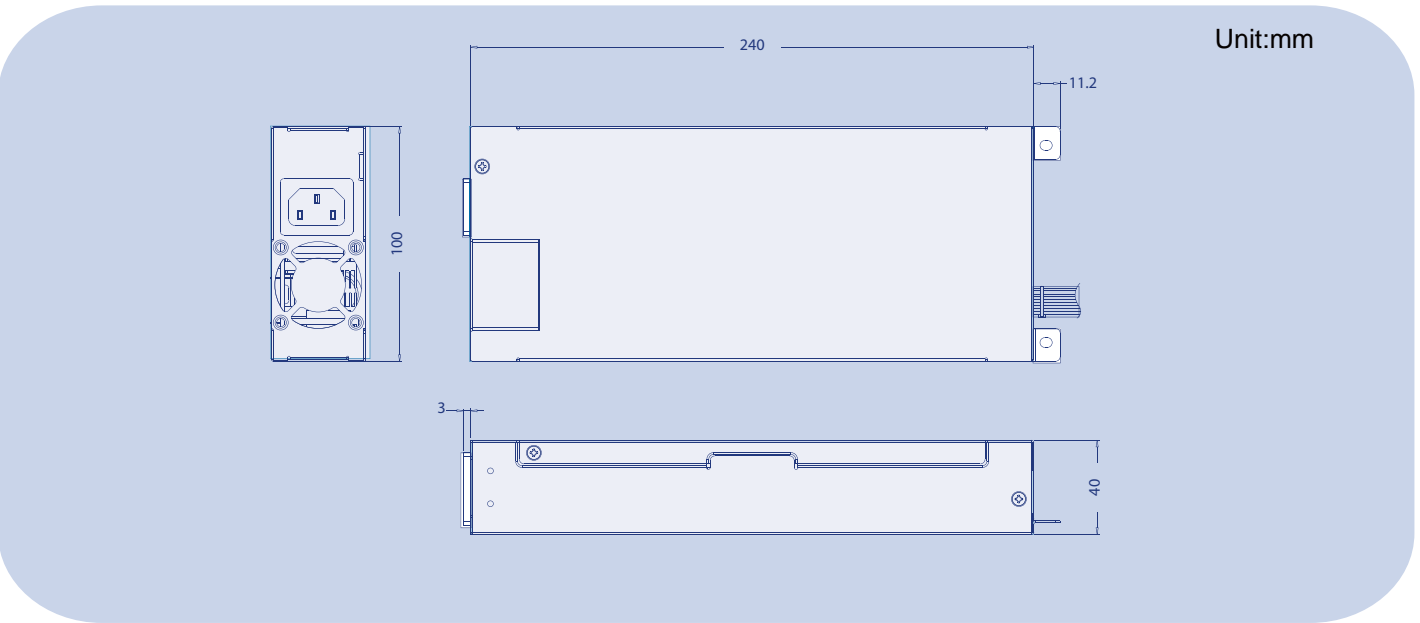
Model Name (Watt)	20% Load	50% Load	100% Load	PFC
FS9030 (400W)	87%	90%	87%	>0.95
FS9029 (500W)	87%	90%	87%	>0.95

OUTPUT SPEC.

V _{ge}	Regulation	Min. Load		Max. Load		Peak Load of +12V	
	400W~500W	400W~500W		400W	500W	400W	500W
3V	+3.14V ~ +3.46V	0.5A		16A	18A		
5V	+4.75V ~ +5.25V	0.8A		12A	22A		
+12V1	+11.4V ~ +12.6V	0.5A		18A	18A	18A	19A
+12V2	+11.4V ~ +12.6V	0.5A		16A	16A	16A	16A
+12V3	+11.4V ~ +12.6V	0.5A			16A		16A
-12V	-10.8V ~ -13.2V	0A		0.5A	0.5A		
+5Vsb	+4.75V ~ +5.25V	0.1A		2.0A	2.0A		

Note1: Combined +3.3V and +5V power shall not exceed 140W.
 Note2: Combined +12V maximum load shall not exceed 30A/400W, 34A/500W.
 Note3: Combined +12V peak load shall not exceed 32A/400W, 39A/500W.

OUTLINE DRAWING



i. Specifications are subject to change without prior notice.
 ii. All illustrations are for reference only.