

Features



- Industry standard 3" x 5" package
- +80°C high temp. environment application
- 400W peak power / 300W forced air (10cfm)
- High capacitive load ability: 800~22,000uF
- Extra-low leakage current < 100uA
- 5,000M operating altitude
- < 0.3 W standby power; Led indicator
- 3 years warranty
- Safety: cUL, TUV, CB,
- EMI/EMC: CE, FCC

Model	Output Voltage	Max. Rated Load		Peak Current	Ripple Noise (mVp-p)
		Convection	Forced Air		
SSF-N300S12-F	12V	16.67A	25A	33.33A	<120
SSF-N300S18-F	18V	11.1A	16.60A	22.20A	<110
SSF-N300S24-F	24V	8.33A	12.50A	16.66A	<100
SSF-N300S30-F	30V	6.66A	10A	13.30A	<100
SSF-N300S36-F	36V	5.55A	8.33A	11.10A	<120
SSF-N300S48-F	48V	4.16A	6.25A	8.33A	<130
SSF-N300S54-F	54V	3.7A	5.55A	7.40A	<130

Environmental Specifications	
Temperature	-30°C to +50 °C
Humidity	Up to 95% RH, non-condensing
Altitude	5000 Meter

General Specifications	
Hold-up time	20 ms min. at 100Vac; rated load
Efficiency	>90% typ.
Protection	OVP/OC/OTP/SCP
MTBF	> 170,000 Hrs (MIL=STD-217F; 25°C, 115Vac/60Hz rated load)

Mechanical Specification

(Unit: mm)

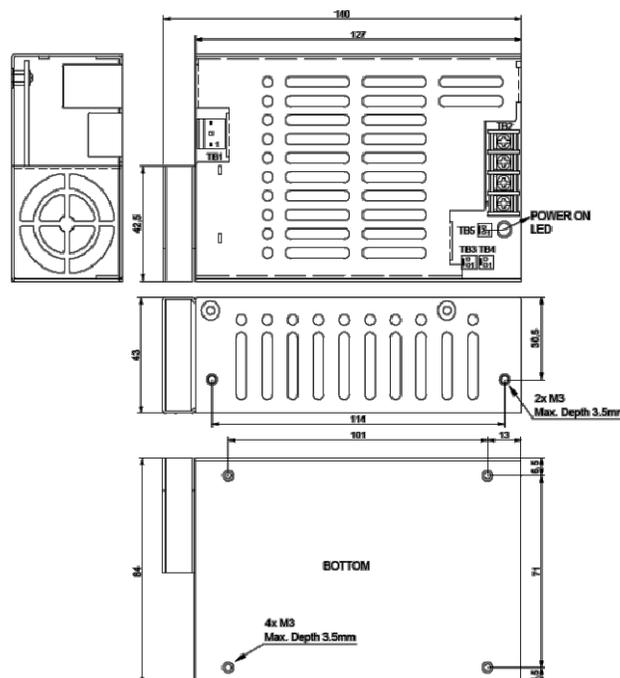
TB1 -- Input Connector	
PIN 1	Neutral
PIN 2	Line
JOINT TECH A3960WV-03P-Q2 JOINT TECH A7920WV-02P or equivalent, mated with JOINT TECH A3960H-03P	

TB3 -- FAN output	
PIN 1	+12V
PIN 2	GND

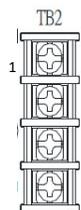
TB4 -- Power Fail Signal	
PIN 1	Signal +
PIN 2	Signal -

TB5 -- Remote Sense	
PIN 1	Sense +
PIN 2	Sense -

JOINT TECH A2542WV-02P or equivalent, mated with JOINT TECH A2542H-2P or equivalent



TB2 -- Output Connector (12V, 18V)	
PIN 1	→ +V0
PIN 2	→ +V0
PIN 3	→ GND
PIN 4	→ GND
4-pole Terminal Block pitch : 8.25mm	



TB2 -- Output Connector (24V-54V)	
PIN 1~4	→ +V0
PIN 5~8	→ GND
JOINT TECH A3960WV-08P or equivalent, mates with JOINT TECH A3960H-08P	

