

JPVI S12

Features

- 12V constant voltage design
- AC input voltage 100/200/242Vac for Japan application
- Meets JIS C 61000-3-2 Class C
- Up to 90% efficiency
- Wide operating temperature range -40°C to +40°C

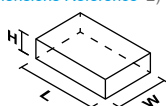


デルタ電子株式会社

Specifications

OUTPUT RATINGS		JPVI-060012FA	JPVI-090012FA	JPVI-150012FA
Nominal Output Voltage		12 Vdc		
Output Current Range		0.2 - 5.0 A	0.2 - 7.5 A	0.2 - 12.5 A
Max. Output Power		60 W	90 W	150 W
Line Regulation		± 1%		
Load Regulation		± 5%		
Output Ripple Voltage		<300mVp-p		
INPUT RATINGS				
Input Voltage Range		90-266 Vac		
Input Frequency Range		47-63 Hz		
Normal Input Current		1.40 A @100 Vac 0.70 A @200 Vac 0.60 A @242 Vac	2.00 A @100 Vac 1.00 A @200 Vac 0.84 A @242 Vac	3.40 A @100 Vac 1.66 A @200 Vac 1.40 A @242 Vac
Efficiency ¹⁾		87.5% @100 Vac 90.0% @200 Vac 90.0% @242 Vac	87.5% @100 Vac 91.0% @200 Vac 91.0% @242 Vac	88.5% @100 Vac 91.0% @200 Vac 91.0% @242 Vac
Max Inrush Current		25A @ 100Vac and 60A @ 242Vac at cold start		
Power Factor at 100% load		> 0.9 @ full load		
Leakage Current		< 0.5mA @240Vac/50Hz		
MECHANICAL				
Casing		Metal sheet		
Dimensions (L x W x H)		241.3 x 43.0 x 30.5 mm		241.3 x 60.0 x 38.0 mm
Unit Weight		0.55 kg		1.00 kg
Cooling System		Convection		
Input Wire		Line: Black, Neutral: White, Wires Length 300mm		
Output Wire		Positive: Red, Negative: Black, Wires Length 300mm		
ENVIRONMENT				
Ambient Temperature	Operating	-40°C to + 55°C	-40°C to +40°C	
	Storage	-40°C to +85°C		
Relative Humidity Operating		10 to 90% RH (Non-Condensing)		

Dimensions Reference ²⁾



- 1) 100% Load (typical) and tested after 30 minutes warm up.
- 2) All parameters are specified at 25°C ambient temperature unless otherwise indicated.