

Power Supply

The Power Supply services the optimum performance of the S1000 Controller and associated components. The Power Supply regulates load and protects for over voltage, short circuit, over current and over heating.



COMPLIANCE AND ACCREDITATION

RoHS, RCM, CB, PSE, FCC, CE, SAA Approvals, TÜV Rheinland

ORDERING INFORMATION

PART NO.	TYPE CODE	DESCRIPTION
320 300 200	SP1-PSU-2A	S1000 compatible 2.5A power supply. 240/110-24VDC
320 300 301	SP1-PSU-5A	S1000 compatible 5A power supply. 240/110-24VDC

TECHNICAL SPECIFICATIONS

	2A	5A
Physical		
Dimensions	111mm x 51.5mm x 33.5mm (4.4" x 2.0" x 1.3")	167mm x 65mm x 37.5mm (6.6" x 2.6" x 1.5")
Weight	220g (7.8oz)	
Environmental		
Operating temperature	-10°C (14°F) to 70°C (158°F) UL 2610, UL 294: -10°C (14°F) to 49°C (120.2°F)	
Operating humidity	5% (0°C or 32°F) to 95% (40°C or 104°F) RH	
Electrical		
Output voltage	24VDC	
Output current	2.5A	5A
Output power	60W	120W
Input voltage	nominal 100VAC to 240VC	
Input current	1.5A maximum	
Input frequency	50Hz/60Hz	
Operational		
Start up time	3sec maximum at 115VAC input and output maximum load	
Rise time	40ms maximum at 115VAC input and output maximum load	
Hold up time	5ms minimum at 115VAC input and output maximum load	