

# Power Supply Units

## NPS Series



### Ancillary Devices

#### General

Notifier's NPS Series integrated switch mode power supplies encompass many years of experience and the express requirements of both Installers and End Users.

The overall intent of the power supply is to provide main power, battery charging and backup for a fire detection system.

The complete system in which it is installed may be life safety equipment, and therefore they must be installed, configured and maintained in accordance with the relevant standards.

The Power Supply Interface (PSI) is common to all power supplies and was designed to provide simplicity to the end user.

On board LED's are used to indicate the status of critical system functions and changing events, including Mains Fail, Charger Condition, Battery State, Test Functions and Testing Inhibited.

The PSU's also come as stand-alone units which include an operator display.

#### Approvals

These 24VDC (nominal) power supply units are approved to AS 4428.5:1998 and NZS 4512:2003 and have both CSIRO and C-Tick approvals.



NPS-2



NPS-5



NPS-11



NPS-2/BB & NPS-5/BB

## Specifications:

### Power Supplies:

Overall Dimensions: (Not including mounting plate)	NPS-2	98mm H x 170mm W x 115mm D
	NPS-5	105mm H x 210mm W x 130mm D
	NPS-11	105mm H x 220mm W x 130mm D
Stand-alone PSU dimensions:	NPS-2/BB	230mm H x 350mm W x 130mm D
	NPS-5/BB	350mm H x 440mm W x 225mm D
Cabinet colour		Oyster Grey
AC Operational Voltage:	135 to 264 VAC 47-63 Hz	
Rated Outputs:	NPS-2	2.6 ADC @ 27VDC
	NPS-5	5.6A DC @ 27VDC
	NPS-11	11.7A DC @ 27VDC

### Power Supply Interface:

Fuses:	F1, F2: Polyfuse	6A
	F3: Battery Protection ATO	30A
Inputs:	Supply In	27.3V (16A Max)
	Battery Test	(Mode 2 Only)
Outputs:	Battery	
	Panel Supply	
	Mains Fail	Normally Energised Clean Contact
	Battery Fault	Normally Energised Clean Contact
	Charger Fault	Normally Energised Clean Contact
Connections:	Panel Supply 27.3V (Nominal) 12A Max	
	Panel	10 Way Ribbon to Notifier Inertia Panel
	Display Front Panel Display	

### Ordering Information

11310	NPS-2S - 2.6A Stand-alone PSU on slim-line chassis
11911	NPS-5S - 5.6A Stand-alone PSU on slim-line chassis
11912	NPS-11S - 11.7A Stand-alone PSU on slim-line chassis
11913	NPS-5 - 5.6A Stand-alone PSU on wide-line chassis
11914	NPS-11 - 11.7A Stand-alone PSU on wide-line chassis
11961	NPS-2/BB-24VDC 2.6A Power supply approved to AS4428.5
11963	NPS-5/BB-24VDC 5.6A Power supply approved to AS4428.5
11959	NPS-11/BB-24VDC 11.7A Power supply approved to AS4428.5

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