

## Description

The PSMAC and PSMDC are 100W power supplies for the WDM modules.

They are dual voltage power supplies providing 48 VDC and 5.3 VDC to their hosts. The supplies are designed to be used as single supplies or redundantly for added reliability. The PSMAC and PSMDC have integrated temperature sensing and a communications microprocessor which constantly monitors temperature and status information and reports it to the host. One supply is included when purchasing the host module and redundant or spare supplies can be ordered separately.



## Power Supply Module

### Features:

- 100 W full range power supply
- AC and DC input versions available
- AC version has wide international input range

## Specifications - AC Power Supply

		Min	Typ	Max
<b>Power Supply</b>	Input Voltage (VAC)	90	110	240
	Input Frequency (Hz)	40	-	400
	Power Factor (%)	-	92	-
	Output 1 Voltage (VDC)	5.04	5.3	5.57
	Output 1 Current (A)	-	7	-
	Output 2 Voltage (VDC)	45.6	48	50.4
	Output 1 Current (A)	-	1.3	-
	Supply Current (A)	-	1.3	-
	Output Power (W)	-	100	-
<b>Environmental</b>	Storage Temperature (°C)	-40	-	85
	Operating Temperature (°C)	0	-	50

## Specifications - DC Power Supply

		Min	Typ	Max
<b>Power Supply</b>	Input Voltage (VDC)	36	48	72
	Output 1 Voltage (VDC)	5.04	5.3	5.57
	Output 1 Current (A)	-	7	-
	Output 2 Voltage (VDC)	45.6	48	50.4
	Output 1 Current (A)	-	1.3	-
	Supply Current (A)	-	3.3	-
	Output Power (W)	-	100	-
<b>Environmental</b>	Storage Temperature (°C)	-40	-	85
	Operating Temperature (°C)	0	-	50

## Physical Specifications

	Length	Width	Height	Weight
<b>Card Dimensions</b>	11.25 in (286 mm)	2.625 in (67 mm)	1.25 in (32 mm)	2 lb (0.9 kg)

## Ordering Information

**PSMAC** - 100W AC Power Supply for WDM16

**PSMDC** - 100W DC Power Supply for WDM16