

Power Supplies

PS Series



PS Series

Capable of supplying up to 100 Watts (AV01 DIN Rail not included)

SPECIFICATIONS

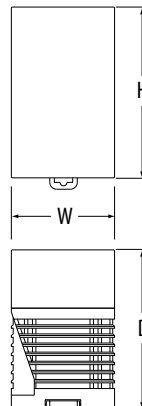
Input Voltage (except PSxx-100W)	100-240VAC (85-264VAC), 50/60Hz. (47-63Hz); 110-340VDC (105-370VDC)
Input Voltage (PSxx-100W)	100-120/200-240VAC, Jumper Selectable 50/60Hz. (47-63Hz.); 240-370VDC
Input Current (Typical @100VAC)	7.5W 0.17A 15W 0.30A 30W 0.68A 50W 1.15A 100W 2.5A
Internal Fuse Ratings	7.5/15W 2A 30/50W 3.15A 100W 4A
Inrush Current	50A max. (cold start at 200V)
Regulation	Line: 0.4%; Load 1.5%; (+ Ambient Temp. effect 0.05%)
Ripple	2% p-p
Leakage Current (No Load)	0.75mA max. (60Hz. Measured in conformance with VDE, UL, CSA)
Output Current (12V Models)	7.5W 0.6A 15W 1.2A 30W 2.5A
Output Current (24V Models)	7.5W 0.3A 15W 0.6A 30W 1.3A 100W 4.2A
Operating Temperature (Mounted DIN Rail on Wall, Grilles Vertical)	-10° to 60°C (14° to 140°F) derate to 80% below 0°C, derate to 50% above 50°C
Operating Humidity	20 to 90% RH noncondensing
Storage Temperature	-30° to 85°C (-22° to 185°F)
Terminals	Spring-up, finger-safe (when tightened); captive M3.5 screws phillips/flat heads

PS Series Switching Power Supplies

FEATURES

- High efficiency switching power supply capable of supplying up to 100W
- Ideal for supplying loop power to Veris power transducers and current sensors
- Universal voltage input from 100-240VAC/110-340VDC (except 100W versions)
- DIN rail housing for ease of installation
- Small size...saves panel space
- High efficiency...won't generate excessive heat in control panel
- DIN rail switching power supply provides 12VDC to 30W or 24VDC up to 100W
- 100MΩ minimum isolation

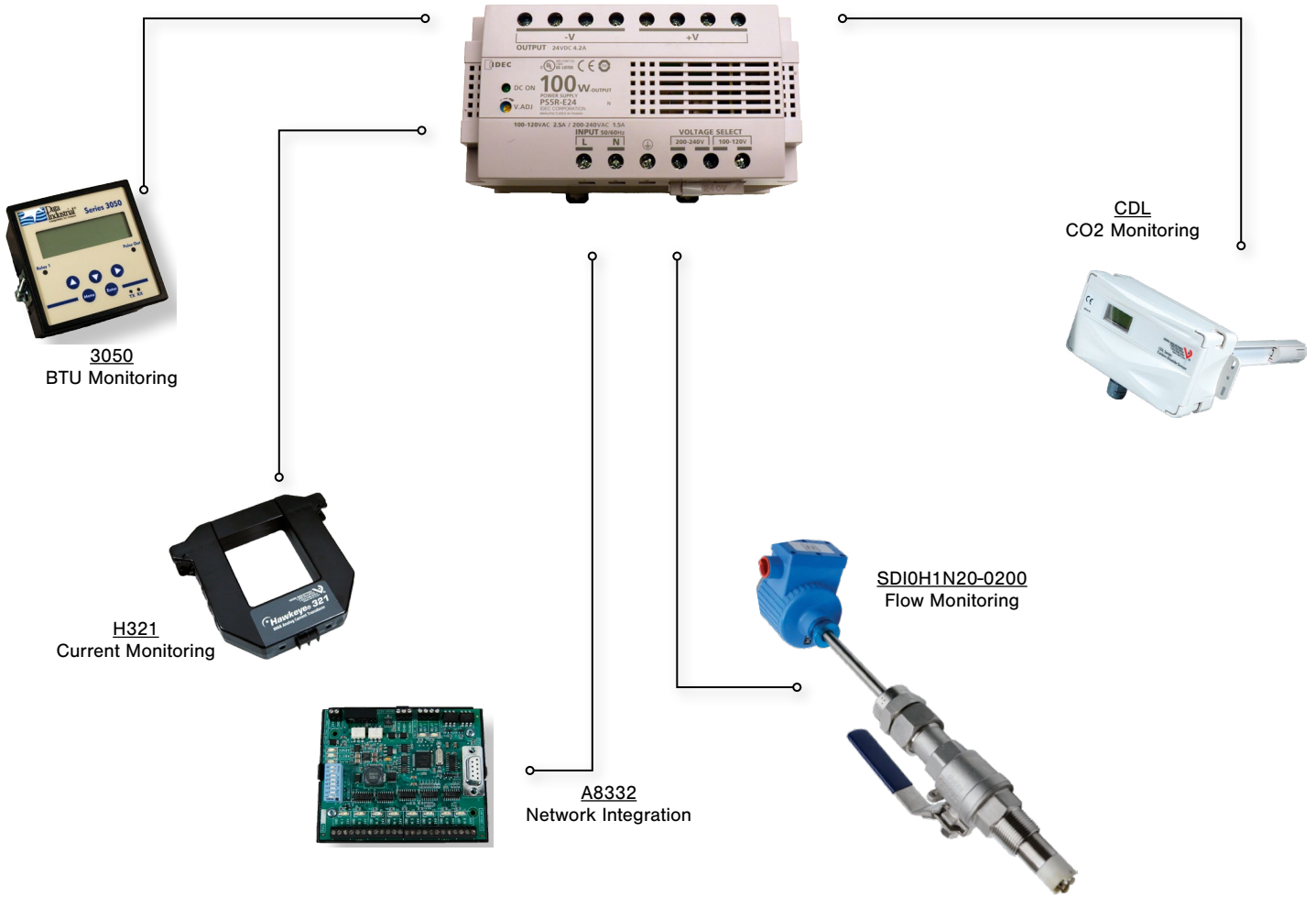
DIMENSIONAL DRAWING



	H	W	D	WEIGHT (APPROX.)
7.5W	3.0" (77 mm)	1.8" (46 mm)	2.8" (70 mm)	150g
15W	3.0" (77 mm)	1.8" (46 mm)	3.8" (97 mm)	170g
30W	3.0" (77 mm)	3.6" (92 mm)	3.8" (97 mm)	360g
50W	3.0" (77 mm)	3.6" (92 mm)	3.8" (97 mm)	390g
100W	3.0" (77 mm)	5.7" (145 mm)	3.8" (97 mm)	600g

SUPPLYING POWER FOR ALL YOUR DC NEEDS

PS SERIES



Approximate number of products that can be powered by a PS24:

	CDL (100mA)	PX 2-wire (20mA)	PX 3-wire (30mA)	PW (125mA)	HW (15mA)	HW (30mA)	SDI (20mA)	A8332 (200mA)	H321 (30mA)	3050 (280mA)
7.5W	3	15	10	2	20	10	15	1	10	1
15W	6	31	20	5	41	20	30	3	20	2
30W	12	62	41	10	83	41	60	6	41	4
50W	20	104	69	16	138	69	101	10	69	7
100W	41	208	138	33	277	138	203	20	138	14

ORDERING INFORMATION



Output Watts

PS - W

12 = 12VDC 7.5 = 7.5 Watts
 24 = 24VDC 15 = 15 Watts
 30 = 30 Watts
 50* = 50 Watts
 100* = 100 Watts
 120* = 120 Watts
 240* = 240 Watts

Example:
 PS - W

* Available in 24V only.