

Multi-Range DC Power Supplies

PSW-A Series

Switching



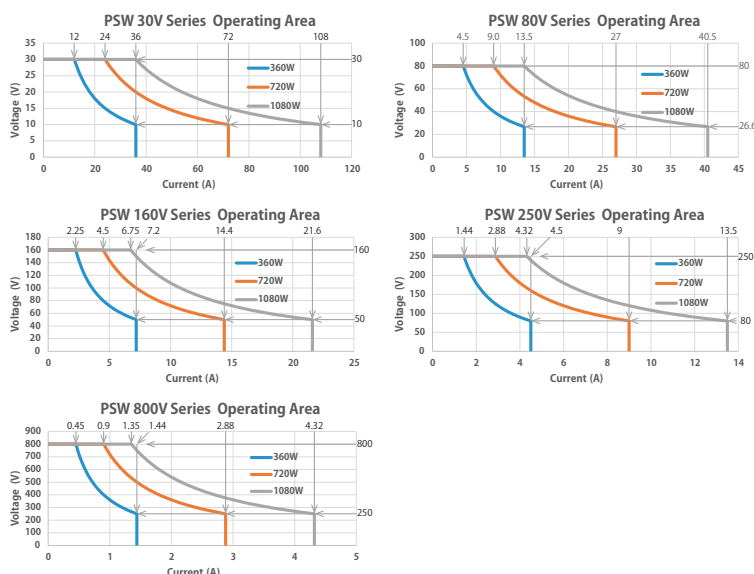
PSW-360L30A	(360W 30V/12A-10V/36A)
PSW-720L30A	(720W 30V/24A-10V/72A)
PSW-1080L30A	(1080W 30V/36A-10V/108A)
PSW-360L80A	(360W 80V/4.5A-26.6V/13.5A)
PSW-720L80A	(720W 80V/9A-26.6V/27A)
PSW-1080L80A	(1080W 80V/13.5A-26.6V/40.5A)
PSW-360M160A	(360W 160V/2.25A-50V/7.2A)
PSW-720M160A	(720W 160V/4.5A-50V/14.4A)
PSW-1080M160A	(1080W 160V/6.75A-50V/21.6A)
PSW-360M250A	(360W 250V/1.44A-80V/4.5A)
PSW-720M250A	(720W 250V/2.88A-80V/9A)
PSW-1080M250A	(1080W 250V/4.32A-80V/13.5A)
PSW-360H800A	(360W 800V/0.45A-250V/1.44A)
PSW-720H800A	(720W 800V/0.9A-250V/2.88A)
PSW-1080H800A	(1080W 800V/1.35A-250V/4.32A)

The PSW-Series is a single-output multi-range programmable switching DC Power Supply covering a power range up to 1080W.

This series of products include fifteen models with the combination of 30V, 80V, 160V, 250V and 800V rated voltages and 360W, 720W and 1080W maximum output powers.

- Voltage Rating: 30V/80V/160V/250V/800V, Output Power Rating: 360W to 1080W
- Constant Power Output for Multiple Range (V&I) Operation
- CV/CC Priority; Particularly Suitable for the Battery and LED Industry
- Adjustable Slew Rate
- Series Operation: Up to 2 units (30V, 80V, 160V models only)
- Parallel Operation: Up to 3 units
- High Efficiency and High Power Density
- 1/2, 1/3, 1/6 Rack Mount Size Design (EIA/JIS) for 360W/720W/1080W
- Standard Interface: LAN, USB, Analog Control Interface
- Optional Interface: GPIB-USB Adaptor, RS-232C-USB Adaptor
- LabView Driver

Multi-Range Operation



Specifications

Model	Output Rating		Ripple		Line regulation		Load regulation		Dimensions W×H×D(mm)	Max. dimensions W×H×D(mm)	Power consumption VA(approx.)	Weight kg (approx.)
	Power	Voltage/Current	CV mVrms	CC mArms	CV mV	CC mA	CV mV	CC mA				
PSW-360L30A	360W	0-30V/0-36A	7	72	18	41	20	41	71×124×350	71×137×400	500VA	3
PSW-720L30A	720W	0-30V/0-72A	11	144	18	77	20	77	142×124×350	142×137×400	1000VA	5
PSW-1080L30A	1080W	0-30V/0-108A	14	216	18	113	20	113	214×124×350	214×137×400	1500VA	7
PSW-360L80A	360W	0-80V/0-13.5A	7	27	43	18.5	45	18.5	71×124×350	71×137×400	500VA	3
PSW-720L80A	720W	0-80V/0-27A	11	54	43	32	45	32	142×124×350	142×137×400	1000VA	5
PSW-1080L80A	1080W	0-80V/0-40.5A	14	81	43	45.5	45	45.5	214×124×350	214×137×400	1500VA	7
PSW-360M160A	360W	0-160V/0-7.2A	7	15	83	12.2	85	12.2	71×124×350	71×137×400	500VA	3
PSW-720M160A	720W	0-160V/0-14.4A	15	30	83	19.4	85	19.4	142×124×350	142×137×400	1000VA	5
PSW-1080M160A	1080W	0-160V/0-21.6A	20	45	83	26.6	85	26.6	214×124×350	214×137×400	1500VA	7
PSW-360M250A	360W	0-250V/0-4.5A	15	10	128	9.5	130	9.5	71×124×350	71×137×400	500VA	3
PSW-720M250A	720W	0-250V/0-9A	15	20	128	14	130	14	142×124×350	142×137×400	1000VA	5
PSW-1080M250A	1080W	0-250V/0-13.5A	15	30	128	18.5	130	18.5	214×124×350	214×137×400	1500VA	7
PSW-360H800A	360W	0-800V/0-1.44A	30	5	403	6.44	405	6.44	71×124×350	71×137×400	500VA	3
PSW-720H800A	720W	0-800V/0-2.88A	30	10	403	7.88	405	7.88	142×124×350	142×137×400	1000VA	5
PSW-1080H800A	1080W	0-800V/0-4.32A	30	15	403	9.32	405	9.32	214×124×350	214×137×400	1500VA	7