



		New Generation 	Old Generation
Model		NSP  AC-DC High Reliability Compact Size With PDF Enclosed Type	RSP AC-DC with PFC enclosed type
Vin		85~305Vac	85~264Vac
No Load Power Consumption		0.3W~1W (NSP-75 ~ 750 only)	-
Output Wattage		75W / 100W / 150W / 200W / 320W 500W / 750W / 1000W / 2400W 200% peak power (12~60V see data sheet, if Vin<180Vac = 150%)	75W / 100W / 150W / 200W / 320W 500W / 750W / 1000W / 2400W
Vout		5V / 7.5V / 12V / 15V / 24V 27V / 36V / 48V / 60V (by series)	2.5V* / 3.3V / 4V* / 5V / 7.5V / 12V / 13.5V 15V / 24V / 27V / 36V* / 48V (by series) *2.5V, 4V, 36V only on RSP-200 / 320
Efficiency		89%~95% (by model)	82%~92% (by model)
Operating Temperature		-40~+85°C (>+60°C derating)	-30~+70°C (>+50°C derating)
Output Voltage Programming (PV)		0~120% (NSP-1000 / 2400)	40~110% (RSP-750 / 1000) 20~110% (RSP-2400)
Output Current Programming (PC)		0~100% (NSP-1000 / 2400)	40~110% (RSP-750)
Parallel Capability		NSP-1000 : 4000W (3+1) NSP-2400 : 9600W (3+1)	RSP-1000 : 4000W (3+1) RSP-2400 : 7200W (2+1)
Communication Protocol Option		NSP-1000 : MODBus (by request) / CANBus (by request) NSP-2400 : MODBus (by request) / CANBus (standard)	-
DC OK Signal Output		√ (NSP-150~2400)	√ (RSP-750~2400)
Remote Control (RC)		√	√
Remote voltage Sense (RS)		√ (NSP-150~2400)	√ (RSP-500~2400)
Fan Noise		<40~45 dB (NSP-75~200 fanless design)	-
Leakage Current		350~500 μA / 277 Vac (by model)	<1~2 mA / 240Vac (by model)
Isolation Protection		2 x MOPP (medical approved)	-
OVC Level		OVC III (Over Voltage Category)	-
PCB Conformal Coating		√	optional
Safety Certification		CB / DEKRA / UL / RCM / BSMI / CCC EAC / BIS / KC / CE / UKCA / SEMI47 (BIS/KC certification by special order)	CB / TÜV / UL / RCM / BSMI / CCC EAC / BIS / KC / CE / UKCA
		62368-1 / 61558-1 / 60335-1 60601-1 / 61010-1 / 62477-1	62368-1 / 61558-1
Withstand Voltage (I/P - O/P)		4~4.2KVac	3~4KVac
EMC Immunity (ESD)		Contact ± 8KV Air ± 15KV	Contact ± 4KV Air ± 8KV
Dimensions (L x W x H)	75W	99 x 97 x 30 mm (-38% volume)	159 x 97 x 30 mm
	100W	99 x 97 x 30 mm (-46%)	179 x 99 x 30 mm
	150W	129 x 97 x 30 mm (-36%)	199 x 99 x 30 mm
	200W	159 x 97 x 30 mm (-38%)	215 x 115 x 30 mm
	320W	179 x 99 x 30 mm (-28%)	215 x 115 x 30 mm
	500W	199 x 99 x 41 mm (-33%)	230 x 127 x 41 mm
	750W	199 x 105 x 41 mm (-34%)	250 x 127 x 41 mm
	1000W	230 x 127 x 41 mm (-22%)	295 x 127 x 41 mm
	2400W	325.8 x 107 x 41 mm (-55%)	278 x 178 x 63.5 mm
Warranty		5 years all models	3 years / 5 years

※ The new NSP series outperforms the RSP series with enhanced features, better safety certifications, a more compact design and with 5 year warranty on all units. For new projects, please adopt the NSP series.