

Series	Old Generation										New Generation						
	4" x 2"			5" x 3"			4" x 2"		5" x 3"			4" x 2"		5" x 3"			
	EPP -100	EPP -150	EPP -200	EPP -300	EPP -400	EPP -500	RPS-200	RPS-300	RPS-400	RPS-500	LOP-200	LOP-300	LOP-400	LOP-500	LOP-600		
Input Voltage	90~264Vac		80~264Vac	90~264Vac	80~264Vac		80~264Vac	90~264Vac	80~264Vac	80~264Vac	80~264Vac						
Output Voltage	12V/15V/24V/ 27V/ 48V				12V/15V/18V/24V/ 27V/36V/48V/54V (EPP-400 without 54V)		12V/15V/24V/27V/48V		12V/15V/18V/24V/27V/36V/48V			12V/15V/18V/24V/27V/ 30V/36V/48V/54V (LOP-200 without 30V)		12V/15V/18V/24V/27V/36V/48V/54V			
No-Load Standby	<0.5W						<0.5W				<0.5W						
Cooling Wattage	75W	100W	140W	200W	250W	320W	140W	200W	250W	320W	140W	180W	250W	320W	400W		
External Fan Wattage	100W	150W	200W	300W	400W	500W	200W	300W	400W	500W	200W	300W	400W	500W	600W		
Peak Power (3 secs.)	N.A					550W	N.A			550W	300W	450W	600W	750W	900W		
Efficiency (by model)	91~92.5%	91.5~93%	93~94%	90~93%	91.5~94%	91~94%	93~95%	90~93%	91.5~94%	91~94%	93~94%	92.5~94%	94~95%	93.5~95%	93~95%		
Remote Control	N.A			V			N.A		V			N.A					
Operating Temperature	-30~+70°C						-30~+70°C				-40~+80°C						
Overvoltage Category	OVCII						OVCII				OVCIII						
Withstanding Voltage (I/P - O/P)	3KVAC						4KVAC				4KVAC						
Isolation Protection	N.A						2 x MOPP				2 x MOPP						
Leakage Current	Grounding	<2mA/240VAC	<0.75mA/240V AC	<2mA/240VAC	<0.75mA/240VAC		<130µA/264VAC	<150µA/264VAC (PCB) <200µA/264VAC (Enclosed Type)	<200µA/264VAC	<220µA/264VAC	<500µA/264VAC						
	Contact							<40µA/264VAC	<70µA/264VAC	<70µA/264VAC	<100µA/264VAC	<70µA/264VAC					
Safety Certification	CB / TUV / UL / EAC / CE / UKCA (Only applied for Class I)						CB / TUV / UL / EAC / CE / UKCA (Only applied for Class I)				CB / TUV / UL / RCM / CCC / EAC / CE / UKCA (Applied for Class I & II)						
	62368-1			62368-1 + 60335-1			60601-1				62368-1 + 60601-1 + 61558-1 + 60335-1						
Model	Only PCB Type						PCB & Enclosed Type				Only PCB Type						
																	
Dimension (L x W x H mm)	101.6*50.8*29			127*76.2*35	127*76.2*41		PCB: 101.6*50.8*29 Enclosed (-C): 103.4*62*40	PCB: 127*76.2*35 (RPS-300 & 400) 127*76.2*41 (RPS-500) Enclosed (-C): 130*86*43 (RPS-400 & 500) Enclosed (-TF): 130*86*58.5 (RPS-400 & 500) Enclosed (-SF): 160*86*43 (RPS-400 & 500)			101.6*50.8*25.4	127*76.2*27.5	127*76.2*30.5	127*76.2*33.5			
Warranty	3 Years						3 Years				3 Years						

※ The industrial-grade EPP series has been designated as NRND as of January 2025, while the medical-grade RPS series will continue to be sold.

※ The LOP series offers better specifications, more complete certifications, and slimmer dimensions compared to the RPS/EPP series. For new projects, please adopt the LOP series.