

Single Phase Input DIN Rail Power

Model		AC/DC New Generation DIN Rail		AC/DC Old Generation DIN Rail		
		 XDR Premium Ultra Slim DIN Rail 	 XDR-E High Cost Performance Slim DIN Rail 	SDR High Performance DIN Rail	NDR Mid-Grade DIN Rail	EDR Low-Grade DIN Rail
Vin		85~305Vac	85~264Vac	88~264Vac	90~264Vac	90~264Vac
Inrush Current		< 10A/230Vac	< 30A~35A/230Vac (by model)	< 50A~80A / 230Vac (by model)	< 40A / 230Vac	< 40A / 230Vac
Vout		12V, 24V, 36V, 48V (XDR-960 without 12V)	12V, 24V, 36V, 48V (XDR-960E without 12V)	12V, 24V, 48V (SDR-240~960 without 12V)	12V, 24V, 48V (NDR-240/480 without 12V)	12V, 24V, 48V (EDR-150 without 12V/48V)
Output Wattage		75W/120W/240W/480W/960W 200% peak power 600% peak current	75W/120W/150W/ 240W/480W/960W	75W/120W/240W/ 480W/960W 130% peak power	75W/120W/240W/480W	75W/120W/150W
Efficiency		89%~96% (by model)	89%~96% (by model)	88.5%~94% (by model)	85.5%~92.5% (by model)	85%~88.5% (by model)
Parallel Function		3840W (3+1) (XDR-240~960)	3840W (3+1) (XDR-480E/960E)	3840W (3+1)	N/A	N/A
Communication		MODbus (XDR-240~960)	N/A	N/A	N/A	N/A
DC OK Relay Contact		V	V	V	N/A	N/A
Remote Control		V (XDR-240~960)	N/A	N/A	N/A	N/A
ORing FET		V (XDR-120~960)	N/A	N/A	N/A	N/A
Working Temp.		-40~+85°C (>+60°C derating)	-40~+70°C (>+50°C derating)	-30~+70°C (>+50°C derating)	-20~+70°C (>+50°C derating)	-20~+60°C (>+50°C derating)
OVC Level		OVC III	OVC III	N/A	N/A	N/A
PCB Conformal Coating		V	N/A	N/A	N/A	N/A
Safety Certification		 62368-1 + 61010-1 + 61558-1	 62368-1 + 61010-1 + 61558-1	 62368-1	 62368-1	 62368-1
EMC	EMI	EN55032 Class B	EN55032 Class B	EN55032 Class B	EN55032 Class B	EN55032 Class A
	ESD	Contact ±8KV Air ±15KV	Contact ±4KV Air ±8KV	Contact ±4KV Air ±8KV	Contact ±4KV Air ±8KV	Contact ±4KV Air ±8KV
Dimension (WxHxD)	75W	30 x 125.2 x 116 mm (-23%)	30 x 125.2 x 116 mm (-23%)	32 x 125.2 x 102 mm	32 x 125.2 x 102 mm	32 x 125.2 x 102 mm
	120W	30 x 125.2 x 116 mm (-23%)	30 x 125.2 x 116 mm (-23%)	40 x 125.2 x 113.5 mm	40 x 125.2 x 113.5 mm	40 x 125.2 x 113.5 mm
	150W	—	30 x 125.2 x 116 mm (-23%)	—	—	40 x 125.2 x 113.5 mm
	240W	40 x 125.2 x 116 mm (-35%)	40 x 125.2 x 116 mm (-35%)	63 x 125.2 x 113.5 mm	63 x 125.2 x 113.5 mm	—
	480W	48 x 125.2 x 125 mm (-45%)	48 x 125.2 x 125 mm (-45%)	85.5 x 125.2 x 128.5 mm	85.5 x 125.2 x 128.5 mm	—
	960W	96 x 125.2 x 132 mm (-23%)	96 x 125.2 x 132 mm (-23%)	110 x 125.2 x 150 mm	—	—
Terminal Block Type		Screw Terminal Push In Lever Actuated 	Screw Terminal 	Screw Terminal 	Screw Terminal 	Screw Terminal 
Warranty		5 Years	3 Years	3 Years	3 Years	2 Years

※ XDR is the premium model, and XDR-E offers excellent cost-performance. Both surpass SDR/NDR/EDR in specifications, safety compliance, compact design, terminal options, and warranty, making them ideal replacements for older models. Please specify the XDR/XDR-E series for new projects.