








Tabella Comparativa

Model	New Generation AC-DC 1Ø Input DIN Rail		Old Generation AC-DC 1Ø Input DIN Rail		
	 XDR High-End Flagship Ultra Slim & High Reliability DIN Rail	 XDR-E Cost-Effective Ultra 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	
Inrush Current	<10A / 230Vac	< 30A-35A / 230Vac (by model)	<50A-80A / 230Vac (by model)	<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)		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) (SDR-480/960)	N/A	
Communication	MODbus (XDR-240-960)	N/A	N/A	N/A	
DC OK Relay Contact	V		V	N/A	
Remote Control	V (XDR-240-960)	N/A	N/A	N/A	
ORing FET	V (XDR-120-960)	N/A	N/A	N/A	
Operating 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		N/A		
PCB Conformal Coating	V	N/A	N/A		
Safety Certification	CB / TUV / UL / RCM / BSMI / CCC BIS / EAC / KC / CE / UKCA DNV / CID2 / SEMI47 (BIS/KC certified, no stock by request)	CB / TUV / UL / RCM / BSMI / CCC BIS / EAC / KC / CE / UKCA (BIS/KC certified, no stock by request)	CB / TUV / UL / RCM / EAC / CE / UKCA BSMI (SDR-120-960) KC (SDR-960)	CB / TUV / UL / RCM / EAC / CE / UKCA BSMI (NDR-480) BIS (NDR-240/480)	CB / TUV / UL / RCM / EAC / CE / UKCA BSMI (EDR-120/150) BIS (EDR-120)
	62368-1 + 61010-1 + 61558-1		62368-1		
EMC	EMI	EN55032 Class B		EN55032 Class B	EN55032 Class A
	ESD	Contact ± 8KV Air ± 15KV	Contact ± 4KV Air ± 8KV	Contact ± 4KV Air ± 8KV	
Dimension (W x H x D)	75W	30 x 125.2 x 116 mm (-23%)		32 x 125.2 x 102 mm	
	120W	30 x 125.2 x 116 mm (-23%)		40 x 125.2 x 113.5 mm	
	150W	-	30 x 125.2 x 116 mm (-23%)	-	
	240W	40 x 125.2 x 116 mm (-35%)		63 x 125.2 x 113.5 mm	
	480W	48 x 125.2 x 125 mm (-45%)		85.5 x 125.2 x 128.5 mm	
960W	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
					
Warranty	5 Years	3 Years	3 Years	2 Years	

※ XDR is the flagship model, while XDR-E is the cost-effective model.
 ※ XDR-E can replace SDR / NDR / EDR. For higher specification requirements, advanced communication interfaces, marine/semi-conductor/explosion-proof safety certifications, alternative wiring methods, and a 5-year warranty, it is recommended to choose the flagship model-XDR.
 ※ Compared to SDR / NDR / EDR, XDR / XDR-E offers superior specifications, more comprehensive safety certifications, a more compact size, a wider selection of terminal blocks, and a longer warranty.
 For new projects, please adopt the XDR / XDR-E series.