

		New Generation AC-DC 3Φ Input DIN Rail	Old Generation AC-DC 3Φ Input DIN Rail
Model		XTR   Ultra Slim & High Reliability DIN Rail	TDR High Performance DIN Rail
Vin		320 ~ 600Vac	340 ~ 550Vac
Inrush Current		10A / 400Vac	50~60A / 400Vac (by model)
Vout		12V, 24V, 36V, 48V (XTR-960 no 12V model)	24V, 48V
Output Wattage		240W / 480W / 960W 150%~200% peak power (by model)	240W / 480W / 960W
Efficiency		92% ~ 96% (by model)	92% ~ 94.5% (by model)
Parallel Function		1920W / 3840W (3+1) (XTR-480 / 960)	3840W (3+1) (TDR-960)
Remote Control		✓ (XTR-480 / 960)	N/A
ORing FET		✓ (XTR-480 / 960)	N/A
Operating Temperature		-40~+85°C (>+60°C derating)	-30~+70°C (>+50°C derating)
OVC Level		OVC III	N/A
PCB Conformal Coating		✓	N/A
Safety Certification		CB / TUV / UL / RCM / BSMI / CCC BIS / EAC / KC / CE / UKCA DNV / SEMI47 / CID2 HazLoc (BIS/KC certified, by request)	UL / RCM / EAC / CE / UKCA BIS (TDR-240 / 480) TUV (TDR-240)
		62368-1 + 61010 + 61558-1	62368-1
EMC	EMI	EN55032 Class B	EN55032 Class B
	ESD	Contact ± 8KV Air ± 15KV	Contact ± 4KV Air ± 8KV
Dimension (W x H x D)	240W	48 x 125.2 x 125 mm (-16% volume) (-24% width)	63 x 125.2 x 113.5 mm
	480W	63 x 125.2 x 125 mm (-28%) (-26%)	85.5 x 125.2 x 128.5 mm
	960W	96 x 125.2 x 132 mm (-23%) (-13%)	110 x 125.2 x 150 mm
Terminal Block Type		Screw Terminal Push In (PI) Lever Actuated (LA)	Screw Terminal
		  	
Warranty		5 Years	3 Years

※ The new XTR series outperforms the TDR series with enhanced features, better safety certification, a more compact design, versatile terminal options, and an extended warranty. For new projects, please adopt the XTR series.