



Industrial

- 250W 3"x5"
- 250W 2"x4"
- 130W 2"x4"
- 60W 2"x4"

	250 W		250 W		130 W		60 W	
	3"x5"	2"x4"	2"x4"	2"x4"	2"x4"	2"x4"	2"x4"	2"x4"
• 200W @Fanless	• 200W @Fanless		• 140W @Fanless		• IEC/EN/UL 62368-1		• 60W @Fanless	
• IEC/EN/UL 62368-1	• IEC/EN/UL 62368-1		• 0.84" low profile size		• 0.5W @0% Load		• IEC/EN/UL 62368-1	
• 0.21W @0% Load	• 0.21W @0% Load		• Wide temp. -40~+70°C		• MTBF > 715,000Hrs		• 15W @0% Load	
Model Name	TN17-0250-12	TN17-0250-24	TN19-0250-12	TN19-0250-24	TN14-0130-12	TN14-0130-24	TN19-0060-12	TN19-0060-24
Rated Power	250 W (11.3CFM)		250 W (13CFM)		130 W (11.3CFM)		60 W (Fanless)	
Output Voltage	12Vdc	24Vdc	12Vdc	24Vdc	12Vdc	24Vdc	12 Vdc	24 Vdc
Max. Output Current	20.8 A	10.4 A	20.8 A	10.4 A	10.9 A	5.4 A	5.0 A	2.5 A
Input Voltage	90~264 Vac		90~264 Vac		80~264 Vac		90~264 Vac	
Dimension (W x L x H)	76.2 x 127 x 33.4 mm		50.8 x 101.6 x 21.4 mm		50.8 x 101.6 x 32.6 mm		50.8 x 101.6 x 27.0mm	
Certifications	CB, TÜV, UL/cUL		CB, TÜV, UL/cUL		CB, TÜV, UL/cUL		CB, TÜV, UL/cUL, BSMI	

Industrial

- 960W
- 350W
- 180W
- 75W

	960 W		350 W		180 W		75 W	
	Dual	Single	Single	Single	Single	Single	Single	Single
• Power OK signal	• Power OK signal		• Slim Type		• Peak 312W/13A		• Peak 216W/9A	
• Remote power control	• Remote power control		• Peak 20~30A		• IEC/EN 61558		• UL 62368-1	
• 5V/0.2A auxiliary output	• 5V/0.2A auxiliary output		• 1U		• No-Load : ≤ 0.21W		• No-Load : ≤ 0.15W	
			• Super low noise		• Output plug changeable		• Output plug changeable	
			• Wide temp. -25~+70°C					
Model Name	TG21-0960-01	TG21-0350-02	TG16-0180-01	TG-7601-ES				
Rated Power	960 W	350 W	180 W	75 W				
Output Voltage	5 Vsb 24 Vdc	24 Vdc	24 Vdc	24 Vdc				
Max. Output Current	0.2 A 40 A	14.6 A	7.5 A	3.125 A				
Input Voltage	90~264 Vac		90~264 Vac		90~264 Vac		90~264 Vac	
Dimension (W x L x H)	127 x 295 x 41 mm		115.5 x 215 x 29 mm		86.5 x 203 x 51.5 mm		80 x 165 x 50 mm	
Certifications	CB, TÜV, UL/cUL		Meets CB, UL/cUL, CCC		CB, PSE		CB, UL/cUL, FCC, CCC, LPS, PSE, KC	

High peak current up to 1,200%



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Printing

- 180W
- 75W
- 60/65W

Medical

- 960W

	180 W		75 W		60/65 W		960 W	
	Peak 312W/13A	Peak 216W/9A	Peak 168W/7A (24V)					
• IEC/EN 61558	• IEC/EN 61558		• UL 62368-1		• No-Load : ≤ 0.15W		• Power OK signal	
• No-Load : ≤ 0.21W	• No-Load : ≤ 0.21W		• No-Load : ≤ 0.15W		• Output plug changeable		• Remote power control	
• Output plug changeable	• Output plug changeable		• Output plug changeable		• Japanese capacitors		• 5V/0.2A auxiliary output	
Model Name	TG16-0180-01	TG-7601-ES	TG15-0065-24	TG15-0065-48	TG21-0960-01			
Rated Power	180 W	75 W	60 W	65 W	960 W			
Output Voltage	24 Vdc	24 Vdc	24 Vdc	48 Vdc	5 Vsb		24 Vdc	
Max. Output Current	7.5 A	3.125 A	2.5 A	1.36 A	0.2 A		40 A	
Input Voltage	90~264 Vac		90~264 Vac		90~264 Vac			
Dimension (W x L x H)	86.5 x 203 x 51.5 mm	80 x 165 x 50 mm	62 x 110 x 32 mm		127 x 295 x 41 mm			
Certifications	CB, PSE	CB, UL/cUL, FCC, CCC, LPS, PSE, KC	CB, UL/cUL, CCC, LPS, BSMI, SIRIM		CB, TÜV, UL/cUL			

Banking

- 1,100W
- 960W

Gaming

- 250W
- 150W

	1,100 W		960 W		250 W		150 W	
	Slim Type		Slim Type		TFX PSU		7"x11"	
• PMbus, Black Box, FRU	• PMbus, Black Box, FRU		• Power OK signal		• Withstand up to 300V		• 150W @Fanless	
• N+1 redundancy	• N+1 redundancy		• Remote power control		• Low EMI (10dB margin)		• 0.59" low profile size	
• AFO(01)/AF(02)	• AFO(01)/AF(02)		• 5V/0.2A auxiliary output		• Dual ball-bearing fans		• Display application	
Model Name	TG20-1100-01/02	TG21-0960-01	TG18-0250-01	TN16-0150-01				
Rated Power	1,100 W	960 W	250 W	150 W (Fanless)				
Output Voltage	12 Vsb 12 Vdc	5 Vsb 24 Vdc	3.3 V 5Vsb 5 V 12 V -12V	5.15Vsb 5.1Vdc 12Vdc 24Vdc				
Max. Output Current	3 A 90 A	0.2 A 40 A	10A 2 A 12 A 16 A 0.3 A	2 A 4 A 3.5 A 3.2 A				
Input Voltage	90~264 Vac		90~264 Vac		90~264 Vac			
Dimension (W x L x H)	50.5 x 240 x 40 mm	127 x 295 x 41 mm	85 x 175 x 65 mm		180 x 283 x 15mm			
Certifications	CB, TÜV, UL/cUL	CB, TÜV, UL/cUL	CB, UL/cUL		Meets CB, UL/cUL, CCC			



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2023/08/02





Switch

- 1,005W
- 1,000W
- 950W
- 850W

	1,005 W 5"x10"	1,000 W 4"x8.3"	950 W 5"x10"	850 W 3.86"x8.27"
Features	• PoE IEEE 802.3af/at/bt • Insulation regulation • 1+1 redundancy design	• PoE IEEE 802.3af/at/bt • 1+1 redundancy • 2000W (1000W x2)	• IEC/EN/UL 62368-1 • PoE IEEE 802.3af/at/bt • RPS redundancy	>>> Under Developing • PoE IEEE 802.3af/at/bt • 1+1 redundancy design • Current sharing
Model Name	TN21-1005-01	TN19-1000-01	TN15-0950-03	TN17-0850-01
Rated Power	1,005 W (21CFMx2)	1,000 W (18.7CFMx2)	950 W (45CFM)	850 W (18.7CFM)
Output Voltage	12 Vdc -55 Vdc	56 Vdc	12 Vdc 54 Vdc	12 Vdc 55 Vdc
Max. Output Current	15 A 15 A	17.8 A	16.7 A 13.7 A	8.34 A 13.63 A
Input Voltage	90~264 Vac	90~264 Vac	90~264 Vac	90~140 Vac, 180~264 Vac
Dimension (W x L x H)	127 x 254 x 41.5 mm	100 x 210 x 33.5 mm	127 x 254 x 41.5 mm	98 x 210 x 33.8 mm
Certifications	Meets CB, TÜV, UL/cUL	CB, UL/cUL	CB, TÜV, UL/cUL	CB, TÜV, UL/cUL

Switch

- 660W
- 589W
- 470W
- 300W

	660 W 4"x7"	589 W 5"x10"	470 W 4"x6"	300 W 3.15"x6.1"
Features	>>> Under Developing • IEC/EN/UL 62368-1 • N+1 redundancy • 1782W (660W x3)	• PoE IEEE 802.3af/at/bt • Insulation regulation • 1+1 redundancy design	• PoE IEEE 802.3af/at/bt • 1+1 redundancy design • 846W (470W x2)	• PoE IEEE 802.3af/at/bt • Insulation regulation • Low EMI design
Model Name	TN19-0660-01	TN09-0589-02	TN16-0450-01	TN13-0300-01
Rated Power	660 W (22.2CFM x2)	589 W (30CFM)	470 W (22.2CFM x2)	300 W (17.69CFM)
Output Voltage	12 Vdc 54 Vdc	12 Vdc 54 Vdc	12 Vdc 54 Vdc	12 Vdc 54 Vdc
Max. Output Current	10 A 12 A	14 A 7.8 A	8.34 A 8.34 A	5.8 A 4.7 A
Input Voltage	90~264 Vac	90~264 Vac	90~264 Vac	90~264 Vac
Dimension (W x L x H)	101.6 x 177.8 x 33.8 mm	129 x 254 x 41.5 mm	101.6 x 152.4 x 33.8 mm	80 x 155 x 33.8 mm
Certifications	CB, TÜV, UL/cUL	CB, UL/cUL	CB, UL/cUL, CCC	CB, TÜV, UL/cUL, CCC

Switch

- 250W 3"x5"
- 250W 2"x4"
- 130W 2"x4"
- 60W 2"x4"

	250 W 3"x5"	250 W 2"x4"	130 W 2"x4"	60 W 2"x4"
Features	• 200W @Fanless • IEC/EN/UL 62368-1 • 0.21W @0% Load	• 140W @Fanless • 0.84" low profile size • Wide temp. -40~+70°C	• IEC/EN/UL 62368-1 • 0.5W @0% Load • MTBF > 715,000Hrs	• 60W @Fanless • IEC/EN/UL 62368-1 • 15W @0% Load
Model Name	TN17-0250-12 TN17-0250-48 TN17-0250-55	TN19-0250-12 TN19-0250-48 TN19-0250-55	TN14-0130-12 TN14-0130-57	TN19-0060-12 TN19-0060-48
Rated Power	250 W (11.3CFM)	250 W (13CFM)	130 W (11.3CFM)	60 W (Fanless)
Output Voltage	12Vdc 48Vdc 55Vdc	12Vdc 48Vdc 55Vdc	12Vdc 57Vdc	12 Vdc 48 Vdc
Max. Output Current	20.8 A 5.2 A 4.5 A	20.8 A 5.2 A 4.5 A	10.9 A 2.3 A	5.0 A 1.25 A
Input Voltage	90~264 Vac	90~264 Vac	80~264 Vac	90~264 Vac
Dimension (W x L x H)	76.2 x 127 x 33.4 mm	50.8 x 101.6 x 21.4 mm	50.8 x 101.6 x 32.6 mm	50.8 x 101.6 x 27.0mm
Certifications	CB, TÜV, UL/cUL	CB, TÜV, UL/cUL	CB, TÜV, UL/cUL	CB, TÜV, UL/cUL, BSMI

Switch

- 1,100W
- 950W
- 800W
- 650W

	1,100 W Slim Type	950 W IEEE 802.3af/at/bt	800 W CRPS PSU	650 W Slim Type
Features	• PMbus, Black Box, FRU • N+1 redundancy • AFO(01)/AFI(02)	• PMbus • N+1 redundancy • AFO(02)/AFI(03)	• PMbus, Black Box, FRU • N+1 redundancy • Cold redundancy	• PMbus, Black Box, FRU • N+1 redundancy • Left Latch(01)/Right(02)
Model Name	TG20-1100-01/02	TG14-0950-02/03	TG17-0800-01	TG15-0650-01/02
Rated Power	1100 W	950 W	800 W	650 W
Output Voltage	12 Vsb 12 Vdc	12 Vdc 56 Vdc	12 Vsb 12 Vdc	5 Vsb 12 Vdc
Max. Output Current	3 A 90 A	16.7 A 13.4 A	2.1 A 65 A	3.0 A 52.9 A
Input Voltage	90~264 Vac	90~264 Vac	90~264 Vac	90~264 Vac
Dimension (W x L x H)	50.5 x 240 x 40 mm	78 x 230 x 40.5 mm	73.5 x 185 x 40 mm	50.5 x 220 x 40.5 mm
Certifications	CB, TÜV, UL/cUL	cUL, CB, TÜV, CE	CB, TÜV, UL/cUL, CCC	CB, TÜV, UL/cUL, CCC

Switch

- 700W
- 200W

	700 W CRPS PSU	200 W CRPS PSU	5G Cell 250 W 5G PSU
Features	• PMbus • N+1 redundancy • Wide temp. -20~70°C	• PMbus, Black Box • 1+1 redundancy • Wide temp. -20~70°C	>>> Under Developing • Waterproof plug available • Fanless cooling design • Wide temp. -25~+65/60°C
Model Name	TG23-0700-01	TG21-0200-01	TG22-0250-12 TG22-0250-54
Rated Power	700 W @-20~+50°C	200 W	250 W
Output Voltage	54~56 Vdc	12 Vdc	12 Vdc 54 Vdc
Max. Output Current	12.5 A	16.67 A	20.8 A 4.63 A
Input Voltage	90~264 Vac	90~264 Vac	90~264 Vac
Dimension (W x L x H)	73.5 x 185 x 40 mm	73.5 x 185 x 40 mm	94 x 203 x 55 mm
Certifications	Meets CB, TÜV, UL/cUL	CB, UL/cUL, CCC	Meets CB, TÜV, UL/cUL

Server

- 1,100W
- 650W
- 1,600W
- 800W

	1,100 W Slim Type	650 W Slim Type	1,600 W CRPS PSU	800 W CRPS PSU
Features	• PMbus, Black Box, FRU • N+1 redundancy • AFO(01)/AFI(02)	• PMbus, Black Box, FRU • N+1 redundancy • Left Latch(01)/Right(02)	• PMbus, Black Box, FRU • N+1 redundancy • Cold redundancy	• PMbus, Black Box, FRU • N+1 redundancy • Cold redundancy
Model Name	TG20-1100-01/02	TG15-0650-01/02	TG17-1600-01 TG17-1600-02	TG17-0800-01
Rated Power	1,100 W	650 W	1,600 W	800 W
Output Voltage	12 Vsb 12 Vdc	5 Vsb 12 Vdc	12Vsb 12Vdc 54 Vdc	12 Vsb 12 Vdc
Max. Output Current	3 A 90 A	3.0 A 52.9 A	2.1 A 133 A 29.6 A	2.1 A 65 A
Input Voltage	90~264 Vac	90~264 Vac	90~264 Vac	90~264 Vac
Dimension (W x L x H)	50.5 x 240 x 40 mm	50.5 x 220 x 40.5 mm	73.5 x 185 x 40 mm	73.5 x 185 x 40 mm
Certifications	CB, TÜV, UL/cUL	CB, TÜV, UL/cUL, CCC	Meets CB, TÜV, UL/cUL	CB, TÜV, UL/cUL, CCC

Server

- 1,600W
- 650W
- 500W

	1,600 W CRPS PSU	650 W Flex ATX	500 W Slim Type
Features	• Support PMBus 1.2 • N+1 redundancy • Japanese E-Capacitor	• EPS 12Vdc compliant • 1U industrial level • Japanese E-Capacitor	• Support PMBus 1.2 • 1+1 redundancy • Japanese E-Capacitor
Model Name	TG23-1600-02	TG23-0650-01	TG23-0500-02
Rated Power	1,600 W	650 W	500 W
Output Voltage	12 Vsb 12 Vdc	3.3 V 5Vsb 5 V 12 V -12V	3.3 V 5Vsb 5 V 12 V -12V
Max. Output Current	2.1 A 133.3 A	20 A 3 A 20 A 54 A 0.3 A	20 A 3 A 25 A 40.4 A 0.3 A
Input Voltage	200~240 Vac	100~240 Vac	100~240 Vac
Dimension (W x L x H)	73.5 x 185 x 40 mm	81.5 x 150 x 40 mm	106 x 220 x 41.3 mm
Certifications	CB, TÜV, UL/cUL, CCC	CB, TÜV, UL/cUL, CCC, BSMI	CB, TÜV, UL/cUL, CCC, BSMI

IPC

- 1,000W
- 850W
- 270W
- 250W

	1,000 W ATX	850 W ATX	270 W Flex ATX PSU	250 W TFX PSU
Features	• PCIe- and SATA-ready • Super low noise • Japanese E-Capacitor	• PCIe- and SATA-ready • Super low noise • Japanese E-Capacitor	• 1U • Intelligent fan control • Dual ball-bearing fans	• Withstand up to 300V • Low EMI (10dB margin) • Dual ball-bearing fans
Model Name	TG23-1000-01	TG23-0850-01	TG13-0270-01	TG18-0250-01
Rated Power	1,000 W	650 W	270W@25°C~230W@50°C	250 W
Output Voltage	3.3 V 5Vsb 5 V 12 V -12V	3.3 V 5Vsb 5 V 12 V -12V	3.3 V 5Vsb 5 V 12 V -12V	3.3 V 5Vsb 5 V 12 V -12V
Max. Output Current	20 A 3 A 35 A 83A 0.3 A	20 A 3 A 20 A 70 A 0.3 A	10 A 2 A 12 A 16 A 0.3 A	10A 2 A 12 A 16 A 0.3 A
Input Voltage	100~240 Vac	100~240 Vac	90~264 Vac	90~264 Vac
Dimension (W x L x H)	150 x 160 x 86 mm	150 x 140 x 86 mm	81.5 x 150 x 40.5 mm	85 x 175 x 65 mm
Certifications	CB, TÜV, CCC, BSMI	CB, TÜV, CCC, BSMI	CB, UL/cUL	CB, UL/cUL