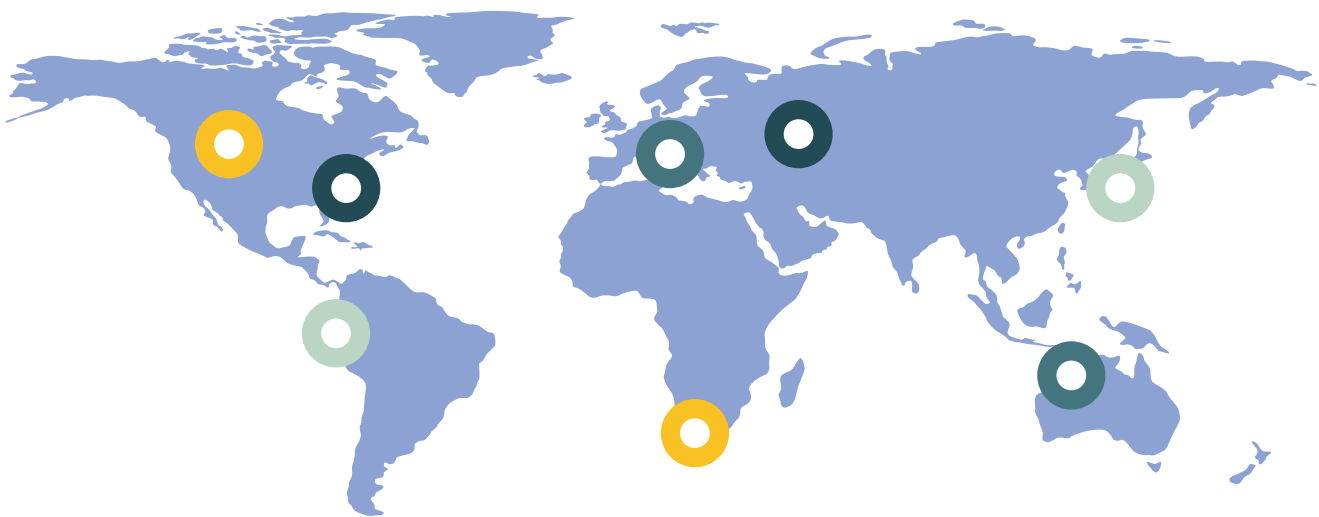




ZTU Series – 12V / 1.5A and 3A

- *Plastic cabinet power supply
- *Battery Over-Charge, Over-Discharge protection
- *Triple electronic protection
- *Additional current battery charge
- *Pre-wired battery connection



ZTU12015B



ZTU1203B / ZTU1205B



ZTU1210B

Product Model	ZTU12015B	ZTU1203B	ZTU1205B	ZTU1210B
Product Type	Switching Power Supply			
Mains Input	100-240V AC @ 50/60Hz			110V or 220V AC @ 50/60Hz
Output Voltage-With AC input	13.8V DC	Adjustable 12-14V DC		
Output Voltage-With battery powered output	10.5-12.5VDC(voltage gradually reduce with the battery discharge)			
Nominal Current and power	1.5A / 18W	3A / 36W	5A / 60W	10A / 120W
Efficiency/Ripple	> 80% / <100 mV	> 82% / <100 mV		> 85% / <100 mV
Charge Current	1.0A (Max)	0.8A		1.8A
LED Indicators on the Front Panel	LED1:AC input indicator LED2:DC output indicator LED3:Battery charge indicator	LED1:AC input indicator LED2:DC output indicator LED3:Battery charge indicator LED4:Battery undervoltage indicator		
Triple Electronic Protection	Short circuit, Overload, surge			
Battery Discharge Protection	Battery supply voltage cuts off at 9.5-10.5v			
Recommended Battery	1 x 7Ah			1 x 17Ah
Dimensions	167 x 222 x 102mm			315 x 308 x 110mm
Weight	0.52 Kg	0.58 Kg	0.75 Kg	2.00 Kg

ZTP Series – 12V/3A, 5A and 10A

- *Metal cabinet with key lock
- *Battery Over-Charge, Over-Discharge protection
- *Triple electronic protection
- *Additional current battery charge
- *Pre-wired battery connection



ZTP1203B



ZTP1205B



ZTP1210B

Product Model	ZTP1203B	ZTP1205B	ZTP1210B
Product Type	Switching Power Supply		
Mains Input	100-240V AC @ 50/60Hz		110V or 220V AC @ 50/60Hz
Output Voltage-With AC input	Adjustable 12-14V DC		
Output Voltage-With battery powered output	10.5-12.5VDC(voltage gradually reduce with the battery discharge)		
Nominal Current and power	3A / 36W	5A / 60W	10A / 120W
Efficiency/Ripple	> 82% / <100 mV		> 85% / <100 mV
Charge Current	0.8A		1.8A
4 LED Indicators on the Front Panel	LED1:AC input indicator LED3:Battery charge indicator	LED2:DC output indicator LED4:Battery undervoltage indicator	
Triple Electronic Protection	Short circuit, Overload, surge		
Failure Indicate (Required extra alarm bord which is optional)	AC failure or battery output low voltage indicate(Voltage value 10.5-11V) Relay specification: 3A/120V AC 3A/24V DC		
	ZTP1203B-R	ZTP1205B-R	ZTP1210B-R
	Mode No. adds "-R"corresponding to the relay alarm		
Battery Discharge Protection	Battery supply voltage cuts off at 9.5-10.5v		
Recommended Battery	1 x 7Ah		1 x 17Ah
Dimensions	195 x 225 x 83mm		338 x 308 x 83mm
Weight	1.20 Kg	1.25 Kg	3.05 Kg

ZTP Series – 24V / 1.5A,2.5A and 5A

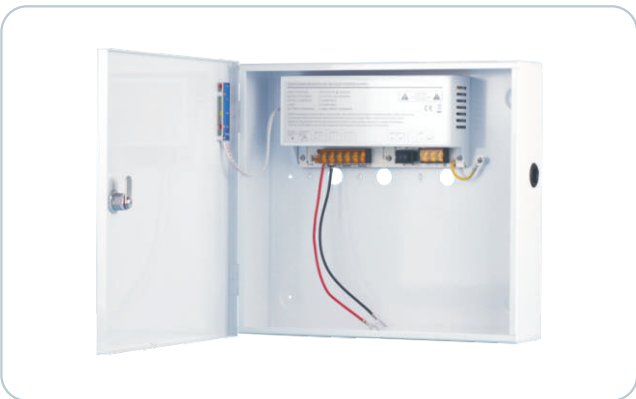
- *Metal cabinet with key lock
- *Battery Over-Charge, Over-Discharge protection
- *Triple electronic protection
- *Additional current battery charge
- *Pre-wired battery connection



ZTP24015B



ZTP24025B



ZTP2405B

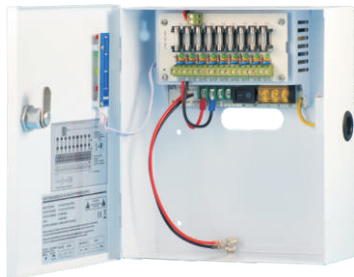
Product Model	ZTP24015B	ZTP24025B	ZTP2405B
Product Type	Switching Power Supply		
Mains Input	100-240V AC @ 50/60Hz		110V or 220V AC @ 50/60Hz
Output Voltage-With AC input	Adjustable 24-28V DC		
Output Voltage-With battery powered output	20.6-26VDC(voltage gradually reduce with the battery discharge)		
Nominal Current and power	1.5A / 36W	2.5A / 60W	5A / 120W
Efficiency/Ripple	> 82% / <120 mV		
Charge Current	0.5A		1.0A
4 LED Indicators on the Front Panel	LED1:AC input indicator LED3:Battery charge indicator	LED2:DC output indicator LED4:Battery undervoltage indicator	
Triple Electronic Protection	Short circuit, Overload, surge		
Failure Indicate (Required extra alarm bord which is optional)	AC failure or battery output low voltage indicate(Voltage value 21-22V) Relay specification: 3A/120V AC 3A/24V DC		
	ZTP24015B-R	ZTP24025B-R	ZTP2405B-R
	Mode No. adds "-R"corresponding to the relay alarm		
Battery Discharge Protection	Battery supply voltage cuts off at 19.6-20.6v		
Recommended Battery	2 x 4Ah		2 x 7Ah
Dimensions	195 x 225 x 83mm		338 x 308 x 83mm
Weight	1.20 Kg	1.25 Kg	3.05 Kg

ZTP Series-12V/3A, 5A and 10A

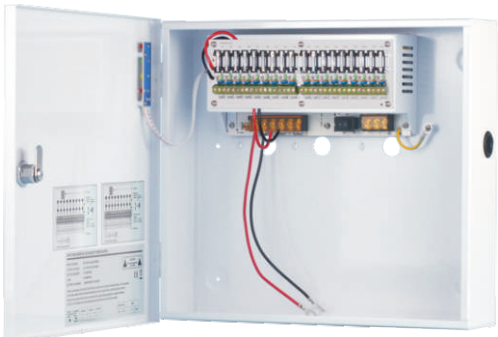
- *Metal cabinet with key lock
- *Individual fuse and LED indicators for each output
- *Battery Over-Charge, Over-Discharge protection
- *Triple electronic protection
- *Additional current battery charge
- *Pre-wired battery connection



ZTP1203B-04F



ZTP1205B-09F



ZTP1210B-18F

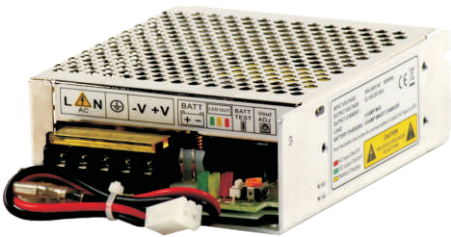
Product Model	ZTP1203B-04F	ZTP1205B-09F	ZTP1210B-18F
Product Type	Switching Power Supply		
Mains Input	100-240V AC @ 50/60Hz		110V or 220V AC @ 50/60Hz
Output Voltage-With AC input	Adjustable 12-14V DC		
Output Voltage-With battery powered output	10.5-12.5VDC(voltage gradually reduce with the battery discharge)		
Nominal Current and power	3A / 36W	5A / 60W	10A / 120W
Efficiency/Ripple	> 82% / <100 mV		> 85% / <100 mV
Charge Current	0.8A		1.8A
No. Of Outputs	4	9	18
Output Fuse Type	Standard: Glass Fuse Optional: PTC Self Resettable Fuse		
LED Indicators on the Front Panel	LED1:AC input indicator LED2:DC output indicator LED3:Battery charge indicator LED4:Battery undervoltage indicator		
Triple Electronic Protection	Short Circuit, Overload and Surge		
Battery Discharge Protection	Battery supply voltage cuts off at 9.5-10.5v		
Recommended Battery	1 x 7Ah		1 x 17Ah
Dimensions	195 x 225 x 83mm		338 x 308 x 83mm
Weight	1.25 Kg	1.40 Kg	3.40 Kg

ZTHB Series – 12V / 3A,5A and 8.5A

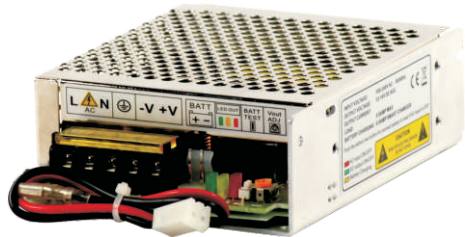
- *Metal case for better heat dissipation
- *Battery Over-Charge, Over-Discharge protection
- *Triple electronic protection
- *Pre-wired battery connection



ZTH1203B



ZTH1205B

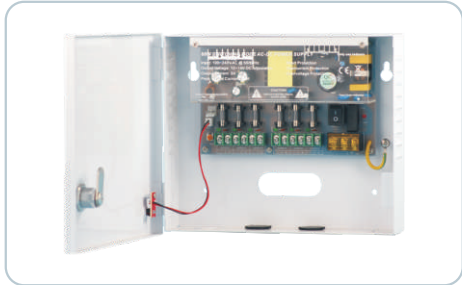


ZTH1210B

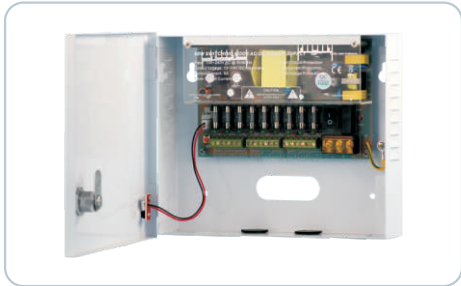
Product Model	ZTH1203B	ZTH1205B	ZTH1210B
Product Type	Switching Power Supply		
Mains Input	100-240V AC @ 50/60Hz		110V or 220V AC @ 50/60Hz
Output Voltage-With AC input	Adjustable 12-14V DC		
Output Voltage-With battery powered output	10.5-12.5VDC(voltage gradually reduce with the battery discharge)		
Nominal Current and power	3A / 36W	5A / 60W	8.5A / 100W
Efficiency/Ripple	> 82% / <100 mV		
Charge Current	0.8A		
LED Indicators	LED1:AC input indicator LED2:DC output indicator LED3:Battery charge indicator		
Triple Electronic Protection	Short circuit, Overload, surge		
Battery Discharge Protection	Battery supply voltage cuts off at 9.5-10.5v		
Dimensions	110 x 77 x 36mm	129 x 98 x 38mm	159 x 98 x 38mm
Weight	0.26 Kg	0.52 Kg	0.58 Kg

ZTS Series – 12V / 5A,10A and 15A

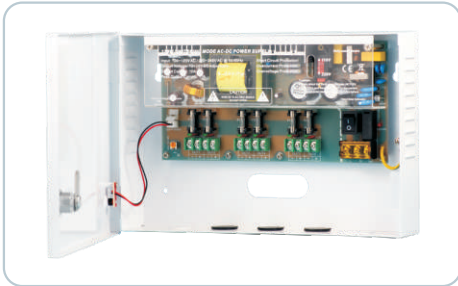
- *Metal cabinet with key lock
- *Individual LED indicators and fuse for each output
- *Triple electronic protection
- *Adjustable output voltage



ZTS1205-06F



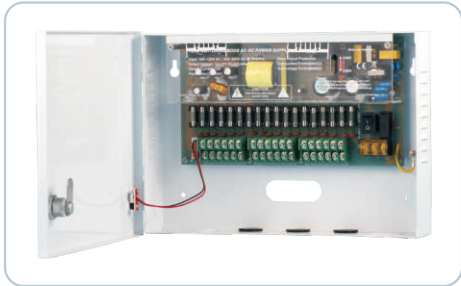
ZTS1205-09F



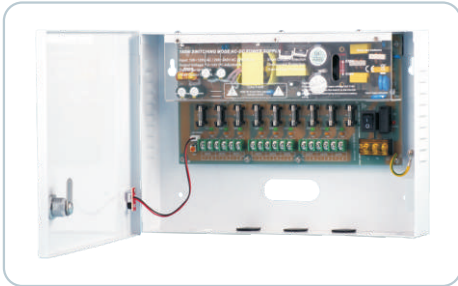
ZTS1210-06F



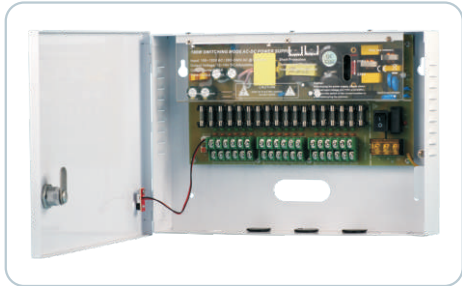
ZTS1210-09F



ZTS1210-18F



ZTS1215-09F



ZTS1215-18F

Product Model	ZTS1205-06F	ZTS1205-09F	ZTS1210-06F	ZTS1210-09F	ZTS1210-18F	ZTS1215-09F	ZTS1215-18F
Product Type	Switching Power Supply						
Mains Input	100-240V AC @ 50/60Hz		110V / 220V AC @ 50/60Hz				
Output voltage	Adjustable 12-14V DC						
Nominal Current and Power	5A / 60W		10A / 120W			15A / 180W	
Efficiency/Ripple	> 82% / <100 mV		> 85% / <100 mV			> 85% / <100 mV	
No. of Outputs	6	9	6	9	18	9	18
Output Fuse Type	Standard: Glass Fuse Optional: PTC Self Resettable Fuse						
Triple Electronic Protection	Short circuit, Overload and Surge						
Dimension	220 x 185 x 55mm		275 x 185 x 55mm		290 x 205 x 55mm		
Weight	1.05 Kg		1.66 Kg		1.90 Kg	1.95 Kg	

ZTP Series-12V/10A and 20A

- *Standard 19 inch cabinet
- *Individual LED indicators and PTC fuse for each output
- *Triple electronic protection
- *Adjustable Output Voltage
- *Main switch with indicator



ZTP1210-09P-1.5U



ZTP1210-18P-1.5U



ZTP1220-18P-1.5U



ZTP1210B-09P-1.5U



ZTP1210B-18P-1.5U

Product Model	ZTP1210-09P-1.5U	ZTP1210-18P-1.5U	ZTP1220-18P-1.5U	ZTP1210B-09P-1.5U	ZTP1210B-18P-1.5U
Product Type	Switching Power Supply				
Mains Input	110V or 220V AC @ 50/60Hz				
Output voltage-With AC input	Adjustable 12-14V DC				
Output voltage-With battery powered output	/			10.5-12.5VDC (voltage gradually reduce with the battery discharge)	
Nominal Current and Power	10A / 120W		20A / 240W	10A / 120W	
Efficiency/Ripple	> 85% / <100 mV				
Battery Charging Current	/			1.8A	
No. of Outputs	9	18		9	18
Output Fuse Type	1.35A 30V PTC				
LED indicators on the Front Panel	01-09 output indicator	01-18 output indicator		01-09 output indicator	01-18 output indicator
				Mains Indicator LED1: AC Input LED2: DC Output LED3: Battery Charging LED4:Battery Low Voltage	
Triple electronic protection	Short circuit, Overload and Surge				
Failure Indicate (Required extra alarm board which is optional)	/			AC power failure or Battery low voltage (Voltage is between 10.5-11v) Specification of Relay alarm : 3A/ 120V AC 3A/24V DC	
				ZTP1210B-09PR-1.5U	ZTP1210B-18PR-1.5U
				Model name adds "R" corresponding to the relay alarm	
Battery Discharge Protection	/			Battery supply voltage cuts off at 9.5-10.5V	
Max Battery Size	/			1 x 17Ah (External Connection Only)	
Dimension	490 x 66 x 205mm				
Weight	3.70Kg	3.90Kg	4.60Kg	3.80Kg	4.00Kg

ZTD Series – 12V / 3A and 5A

- *35mm DIN Rail easy to install
- *Battery Over-Charge, Over-Discharge protection
- *Triple electronic protectio
- *Pre-wired battery connection



ZTD1203B



ZTD1205B



ZTD1205B-R

Product Model	ZTD1203B	ZTD1205B	ZTD1205B-R
Product Type	Switching Power Supply		
Mains Input	100-240V AC @ 50/60Hz		
Output Voltage-With AC input	Adjustable 12-14V DC		
Output Voltage-With battery powered output	10.5-12.5VDC(voltage gradually reduce with the battery discharge)		
Nominal Current and power	3A / 36W	5A / 60W	
Efficiency/Ripple	> 82% / <100 mV		
Charge Current	0.8A		
LED Indicators on the Front Panel	LED1:AC input indicator LED2:DC output indicator LED3:Battery charge indicator		
Failure Indicate	/		AC failure or battery output low voltage indicate (Voltage value 10.5-11V) Relay specification: 3A/120V AC 3A/24V DC
Triple Electronic Protection	Short circuit, Overload, surge		
Battery Discharge Protection	Battery supply voltage cuts off at 9.5-10.5v		
Dimensions	107 x 88 x 65mm	159 x 88 x 65mm	
Weight	0.21 Kg	0.3 Kg	0.31 Kg

ZTW Series – 12V / 2A, 3A and 5A; 24V / 1.5A and 2.5A

- *Aluminum shell
- * Waterproof nylon connector
- *Triple electronic protection
- *Customized AC plug



ZTW1202 / ZTW1203 / ZTW24015



ZTW1205 / ZTW24025

Product Model	ZTW1202	ZTW1203	ZTW1205	ZTW24015	ZTW24025
Product Type	Switching Power Supply				
Mains Input	100-240V AC @ 50/60Hz				
Output Voltage	12V±5% DC			24V±5% DC	
Nominal Current and Power	2A / 24W	3A / 36W	5A / 60W	1.5A / 36W	2.5A / 60W
IP Protection	IP65				
DC Plug	5.5 x 2.1mm				
Dimensions	100 x 85 x 40mm		100 x 110 x 40mm	100 x 85 x 40mm	100 x 110 x 40mm
Weight	0.25 Kg		0.35 Kg	0.25 Kg	0.35 Kg

ATA Series – 12V / 1A, 2A, 3A, 4A and 5A



ATA1201-01C



ATA1202-01C



ATA1203-01C



ATA1204-01C



ATA1205-01C

Product Model	ATA1201-01C	ATA1202-01C	ATA1203-01C	ATA1204-01C	ATA1205-01C
Product Type	Switching Power Supply				
Mains Input	100-240V AC @ 50/60Hz				
Output Voltage	12V±5% DC				
Nominal Current and Power	1A / 12W	2A / 24W	3A / 36W	4A / 48W	5A / 60W
DC Plug	5.5 x 2.1 x 10mm				
Dimensions	75 x 40 x 30mm	85 x 45 x 30mm	110 x 45 x 32mm	116 x 50 x 32mm	120 x 60 x 35mm
Weight	0.11 Kg	0.19 Kg	0.24 Kg	0.28 Kg	0.38 Kg