



DC REGULATED POWER SUPPLY



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Shenzhen Toppeak Electronic Technology Co., Ltd

COMPANY PROFILE

Shenzhen Toppeak is an exporter and a manufacturer specializing in test and measuring instrument, especially skilled in developing and manufacturing DC regulated power supply, soldering station.

Our team members engaged in this field for more than 20 years, with the strong tech and industry background, OEM/ODM is provided based on customer's needs.

The products has been applied widely in the laboratory, electronic, communication equipment maintenance, production line, scientific research and teaching units.

Our goal is to provide the most suitable solution to our clients, to build a win-win bridge for our business partners.

CONTENTS

DC REGULATED POWER SUPPLY

STP3000 Series/STP6000 Series Mini Switching DC power supply

STP 3003/3005/3010	2
STP 6003/6005	2

STP3000H Series/STP6000H Series High Precision Mini Switching DC power supply

STP 3003H/3005H/3010H.....	3
STP 6003H/6005H	3

STP3000D Series/STP6000D Series Mini Switching DC power supply

STP 3003D/3005D/3010D.....	4
STP 6003D/6005D	4

STP3000DH Series/STP6000DH Series High Precision Mini Switching DC power supply

STP3005DH/3010DH/	5
STP6005DH.....	5

STP3000 Series/STP6000 Series

MINI SWITCHING DC POWER SUPPLY



OVERVIEW

- Unique design with small size.
- Adopt switching regulator technology, more stable and durable.
- With OVP,OCP,OHP functions.
- Multi-language manual.
- Green technology & energy saving.

APPLICATION

- Testing for electronics.
- Telecommunication equipment maintenance.
- Laboratory & hobbies.
- Colleges and Universities practical training.

Key Specifications		STP3003	STP3005	STP3010	STP6003	STP6005
Output voltage		0-30V	0-30V	0-30V	0-60V	0-60V
Output current		0-3A	0-5A	0-10A	0-3A	0-5A
Output power		90W	150W	300W	180W	300W
Load regulation	CV	$\leq 0.3\% + 1\text{mV}$				
	CC	$\leq 0.2\% + 10\text{mA}$				
Line regulation	CV	$\leq 0.05\% + 1\text{mV}$				
	CC	$\leq 0.1\% + 10\text{mA}$				
Ripple	Voltage	$\leq 1\text{mV(RMS)} 5\text{-}10\text{MHz}$				
	Current	$\leq 3\text{mA(RMS)} 5\text{-}10\text{MHz}$				
General Characteristics						
Power		Input voltage: 110V AC/220V AC, 50Hz-60Hz				
Display		3-Digital LED				
Operation condition		0-40°C relative humidity < 80%				
Storage condition		-10-55°C relative humidity < 80%				
Heating-dissipating method		Intelligent temperature control				
Product net weight(Kg)		1.25	1.25	1.55	1.52	1.6
Product Size(L*W*H)		226*82*138mm				
Ordering Information						
STP3000 Series	STP3003:Switching DC Power Supply(0-30V,0-3A), 3-Digital LED Display					
	STP3005:Switching DC Power Supply(0-30V,0-5A), 3-Digital LED Display					
	STP3010:Switching DC Power Supply(0-30V,0-10A), 3-Digital LED Display					
STP6000 Series	STP6003:Switching DC Power Supply(0-60V,0-3A), 3-Digital LED Display					
	STP6005:Switching DC Power Supply(0-60V,0-5A), 3-Digital LED Display					
Standard Accessories	International standard power cord					

STP3000H Series/STP6000H Series

HIGH PRECISION MINI SWITCHING DC POWER SUPPLY



OVERVIEW

- 4 Bits digital display.
- Precision reaches to 10mV, 1mA.
- Unique design with small size.
- Adopt switching regulator technology, more stable and durable.
- With OVP,OCP,OHP functions.
- Multi-language manual.
- Green technology & energy saving.

APPLICATION

- Testing for electronics.
- Telecommunication equipment maintenance.
- Laboratory & hobbies.
- Colleges and Universities practical training.

Key Specifications		STP3003H	STP3005H	STP3010H	STP6003H	STP6005H
Output voltage		0-30V	0-30V	0-30V	0-60V	0-60V
Output current		0-3A	0-5A	0-10A	0-3A	0-5A
Output power		90W	150W	300W	180W	300W
Load regulation	CV	$\leq 0.3\% + 1\text{mV}$				
	CC	$\leq 0.2\% + 10\text{mA}$				
Line regulation	CV	$\leq 0.05\% + 1\text{mV}$				
	CC	$\leq 0.1\% + 10\text{mA}$				
Ripple	Voltage	$\leq 1\text{mV(RMS)} 5\text{-}10\text{MHz}$				
	Current	$\leq 3\text{mA(RMS)} 5\text{-}10\text{MHz}$				
General Characteristics						
Power		Input voltage: 110V AC/220V AC, 50Hz-60Hz				
Display		4-Digital LED				
Display accuracy		10mV, 1mA				
Operation condition		0-40°C relative humidity < 80%				
Storage condition		-10-55°C relative humidity < 80%				
Heating-dissipating method		Intelligent temperature control				
Product net weight(Kg)		1.3	1.35	1.6	1.52	1.6
Product Size(L*W*H)		226*82*138mm				
Ordering Information						
STP3000H Series	STP3003H:Switching DC Power Supply(0-30V,0-3A),4-Digital LED Display					
	STP3005H:Switching DC Power Supply(0-30V,0-5A),4-Digital LED Display					
	STP3010H:Switching DC Power Supply(0-30V,0-10A),4-Digital LED Display					
STP6000H Series	STP6003H:Switching DC Power Supply(0-60V,0-3A),4-Digital LED Display					
	STP6005H:Switching DC Power Supply(0-60V,0-5A),4-Digital LED Display					
Standard Accessories	International standard power cord					

STP3000D Series/STP6000D Series

MINI SWITCHING DC POWER SUPPLY



OVERVIEW

- Unique design with small size.
- Adopt switching regulator technology, more stable and durable.
- With OVP,OCP,OHP functions.
- Multi-language manual.
- Green technology & energy saving.

APPLICATION

- Testing for electronics.
- Telecommunication equipment maintenance.
- Laboratory & hobbies.
- Colleges and Universities practical training.

Key Specifications		STP3005D	STP3010D	STP6005D
Output voltage		0-32V	0-32V	0-61.5V
Output current		0-5.25A	0-10.2A	0-5.25A
Output power		168W	320W	320W
Load regulation	CV	$\leq 0.3\% + 1\text{mV}$		
	CC	$\leq 0.2\% + 10\text{mA}$		
Line regulation	CV	$\leq 0.05\% + 1\text{mV}$		
	CC	$\leq 0.1\% + 10\text{mA}$		
Ripple	Voltage	$\leq 1\text{mV(RMS)5-10MHz}$		
	Current	$\leq 3\text{mA(RMS)5-10MHz}$		

General Characteristics

Power	Input voltage: 110V AC/220V AC, 50Hz-60Hz		
Display	3-Digital LED		
Operation condition	0-40°C relative humidity < 80%		
Storage condition	-10-55°C relative humidity < 80%		
Heating-dissipating method	Intelligent temperature control		
Product net weight(Kg)	1.36	1.6	1.6
Product Size(L*W*H)	226*82*138mm		

Ordering Information

STP3000D Series	STP3005D:Switching DC Power Supply(0-32V,0-5.25A), 3-Digital LED Display
	STP3010D:Switching DC Power Supply(0-32V,0-10.2A), 3-Digital LED Display
STP6000D Series	STP6005D:Switching DC Power Supply(0-61.5V,0-5.25A), 3-Digital LED Display
Standard Accessories	International standard power cord

STP3000DH Series/STP6000DH Series

HIGH PRECISION MINI SWITCHING DC POWER SUPPLY



OVERVIEW

- 4 Bits digital display.
- Precision reaches to 10mV, 1mA.
- Unique design with small size.
- Adopt switching regulator technology, more stable and durable.
- With OVP,OCP,OHP functions.
- Multi-language manual.
- Green technology & energy saving.

APPLICATION

- Testing for electronics.
- Telecommunication equipment maintenance.
- Laboratory & hobbies.
- Colleges and Universities practical training.

Key Specifications		STP3005DH	STP3010DH	STP6005DH
Output voltage		0-32V	0-32V	0-61.5V
Output current		0-5.25A	0-10.2A	0-5.25A
Output power		168W	320W	320W
Load regulation	CV	$\leq 0.3\% + 1\text{mV}$		
	CC	$\leq 0.2\% + 10\text{mA}$		
Line regulation	CV	$\leq 0.05\% + 1\text{mV}$		
	CC	$\leq 0.1\% + 10\text{mA}$		
Ripple	Voltage	$\leq 1\text{mV(RMS)5-10MHz}$		
	Current	$\leq 3\text{mA(RMS)5-10MHz}$		

General Characteristics

Power	Input voltage: 110V AC/220V AC, 50Hz-60Hz		
Display	4-Digital LED		
Display accuracy	10mV, 1mA		
Operation condition	0-40°C relative humidity < 80%		
Storage condition	-10-55°C relative humidity < 80%		
Heating-dissipating method	Intelligent temperature control		
Product net weight(Kg)	1.36	1.58	1.6
Product Size(L*W*H)	226*82*138mm		

Ordering Information

STP3000DH Series	STP3005DH:Switching DC Power Supply(0-32V,0-5.25A),4-Digital LED Display
	STP3010DH:Switching DC Power Supply(0-32V,0-10.2A),4-Digital LED Display
STP6000DH Series	STP6005DH:Switching DC Power Supply(0-61.5V,0-5.25A),4-Digital LED Display
Standard Accessories	International standard power cord