



FEATURES

- Max. output voltage 3000V, Max. output current 3000A
- Applying IGBT module and 19-inch standard size
- 4 digits LED display for voltage and current
- Constant voltage and constant current operations
- Auto CV/CC switch
- Output ON/OFF control
- Preset function, setting of voltage and current with output open circuit
- Over voltage, over current, over temperature and over load protections
- Optional function
 - Communication: RS-232 or RS-485 interface
 - Remote control: 0-5V, 0-10V or 4-20mA signal to control output voltage and current
 - Remote Sensing: to compensate the voltage drop
 - Remote ON/OFF control: using a potentiometer to control the output
 - Timer Switch: to turn on or off the output as per preset time
 - Square Waveform Output: to output user-defined square waveform according to preset time and cycles
 - Reverse polarity protection: to protect power supply from damage by reverse current from EUT
- Customized specifications and functions acceptable

Архангельск (8182)63-90-72
 Астана (7172)727-132
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
 Белгород (4722)40-23-64
 Брянск (4832)59-03-52
 Владивосток (423)249-28-31
 Волгоград (844)278-03-48
 Вологда (8172)26-41-59
 Воронеж (473)204-51-73
 Екатеринбург (343)384-55-89
 Иваново (4932)77-34-06

Ижевск (3412)26-03-58
 Иркутск (395)279-98-46
 Казань (843)206-01-48
 Калининград (4012)72-03-81
 Калуга (4842)92-23-67
 Кемерово (3842)65-04-62
 Киров (8332)68-02-04
 Краснодар (861)203-40-90
 Красноярск (391)204-63-61
 Курск (4712)77-13-04
 Липецк (4742)52-20-81
 Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
 Москва (495)268-04-70
 Мурманск (8152)59-64-93
 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
 Новокузнецк (3843)20-46-81
 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16
 Казахстан (772)734-952-31

Пермь (342)205-81-47
 Ростов-на-Дону (863)308-18-15
 Рязань (4912)46-61-64
 Самара (846)206-03-16
 Санкт-Петербург (812)309-46-40
 Саратов (845)249-38-78
 Севастополь (8692)22-31-93
 Симферополь (3652)67-13-56
 Смоленск (4812)29-41-54
 Сочи (862)225-72-31
 Пенза (8412)22-31-16
 Таджикистан (992)427-82-92-69

Сургут (3462)77-98-35
 Тверь (4822)63-31-35
 Томск (3822)98-41-53
 Тула (4872)74-02-29
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
 Уфа (347)229-48-12
 Хабаровск (4212)92-98-04
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Ярославль (4852)69-52-93

SPECIFICATIONS

Output capacity	At request
Working mode	IGBT
Constant Voltage Operation	
Output voltage	DC 0~100% full range adjustable
Line regulation	≤0.2%+2 digits
Load regulation	≤0.3%+2 digits
Ripple & Noise	≤0.3%+10mVrms
Constant Current Operation	
Output Current	DC 0~100% full range adjustable
Line regulation	≤0.2%+2 digits
Load regulation	≤0.3%+2 digits
Ripple & Noise	≤0.5%+10mArms
Display	
Voltmeter	4 digits LED display
Ammeter	4 digits LED display
Voltage resolution	0.000V-9.999V; 0.00V-99.99V; 0.0V-999.9V; 0V-9999V
Current resolution	0.000A-9.999A; 0.00A-99.99A; 0.0A-999.9A; 0A-9999A
Accuracy	±(1% FS +1 digit)
Protection	
Over Voltage Protection (O.V.P.)	Built-in OVP protection with limit of 105% rated voltage. The output will be shut down when OVP is activated.
Over Current Protection (O.C.P.)	Over load, short circuit and output current limit
Over Temperature Protection (O.T.P.)	Built-in OTP protection with heatsink temperature limit of 85±5%. The output will be shut down when OTP is activated.
General	
Cooling method	Cooling fan
Operating environment	0°C ~40°C, 10%~80%RH
Storage environment	-20°C ~70°C, 10%~90%RH
Power source	<10KW: single phase AC220V±10% ≥10KW: three phase AC380V±10%
Input module	Power socket or terminal block

SELECTION GUIDE

Model	Rated output		Power (kW)	Dimension (WxHxD, mm)	Weight (kg)
TP30-1HD	0~30V	0~100A	3	425x88x402	14
TP30-2HD	0~30V	0~200A	6	425x132x502	23
TP30-3HD	0~30V	0~300A	9	425x300x610	48
TP30-4HD	0~30V	0~400A	12	425x300x610	80
TP30-5HD	0~30V	0~500A	15	425x554x610	100
TP30-10HD	0~30V	0~1000A	30	505x804x688	150
TP1H-60D	0~100V	0~60A	6	425x132x502	22
TP1H-1HD	0~100V	0~100A	10	425x300x610	50
TP1H-150D	0~100V	0~150A	15	425x554x610	50
TP10H-1D	0~1000V	0~1A	1	425x88x402	12
TP10H-5D	0~1000V	0~5A	5	482x132x502	23
TP10H-10D	0~1000V	0~10A	10	425x300x610	50
TP10H-20D	0~1000V	0~20A	20	425x554x610	100

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Таджикистан (992)427-82-92-69

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

<https://twintex.nt-rt.ru/> || ttw@nt-rt.ru