## Multiple Output 180W~315W

## Introduction

The TP2000 and TP2000TK series are linear DC power supplies with 3 channels, 195W to 315W output. In constant voltage and current operations, the power supply provides high regulation and low ripple \& noise. Auto series and parallel operations double output voltage and current. Heat sink and automatic cooling fan control give sufficient cooling to the power supply and minimize fan noise. The output ON/OFF control and preset voltage \& current function protect the power supply and related loads from unexpected damages. The TP2000 and TP2000TK series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.

## Features

$\sqrt{ }$ Two independent adjustable outputs $0 \sim 30 \mathrm{~V} / 0 \sim 3 \mathrm{~A} \times 2,0 \sim 30 \mathrm{~V} / 0 \sim 5 \mathrm{~A} \times 2$, one fixed output $5 \mathrm{~V} / 3 \mathrm{~A} \times 1$
$\sqrt{ }$ Constant voltage and constant current operations, auto CV and CC switch
$\sqrt{ }$ Low ripple and noise, low temperature drift
$\sqrt{\checkmark}$ Auto Series and Parallel tracking operations
$\sqrt{ }$ Output ON/OFF control
$\sqrt{\boldsymbol{V}}$ Preset function, setting of voltage and current with output open circuit (TP-2303TK/2305TK)
$\sqrt{\boldsymbol{V}}$ High efficiency, high power density
$\checkmark$ Over load and reverse polarity protections
Dual-color four digital panel meters

## Product photo

## TP-2303E



TP-2305TK


## Specifications

| Constant voltage operation |  |  |
| :---: | :---: | :---: |
| Line regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ |
| Load regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 0.02 \%+5 \mathrm{mV}$ ( $1>3 \mathrm{~A}$ ) |
| Ripple \& Noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 1 \mathrm{mVrms}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 2 \mathrm{mVrms}$ ( $1>3 \mathrm{~A}$ ) |
| Constant current operation |  |  |
| Line regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}$ |
| Load regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}(1 \leq 3 \mathrm{~A}) ; \leq 0.2 \%+5 \mathrm{~mA}(1>3 \mathrm{~A})$ |
| Ripple \& Noise |  | $\leq 3 \mathrm{mArms}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 6 \mathrm{mArms}$ ( $1>3 \mathrm{~A}$ ) |
| Tracking operation |  |  |
| Parallel | Line regulation | $\leq 0.01 \%+3 \mathrm{mV}$ |
|  | Load regulation | $\leq 0.01 \%+3 \mathrm{mV}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 0.02 \%+5 \mathrm{mV}$ ( $1>3 \mathrm{~A}$ ) |
| Series | Line regulation | $\leq 0.01 \%+5 \mathrm{mV}$ |
|  | Load regulation | $\leq 300 \mathrm{mV}$ |
|  | Tracking error | $\leq 0.5 \%+10 \mathrm{mV}$ of the master, no load (with load, add load regulation $\leq 300 \mathrm{mV}$ ) |
| Auxiliary output (fixed) |  |  |
| Output voltage |  | $5 \mathrm{~V} \pm 0.25 \mathrm{~V}$ |
| Output current |  | 3A |
| Load regulation |  | $\leq 25 \mathrm{mV}$ @ $110 / 220 \mathrm{VAC}$ rated input |
| Ripple \& noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 2 \mathrm{mVrms}$ |
| Display |  |  |
| Voltmeter |  | 3 digits LED display |
| Ammeter |  | 3 digits LED display |
| Resolution |  | $100 \mathrm{mV} / 10 \mathrm{~mA}$ |
| Accuracy |  | Real voltage and current output: $\pm$ (1\% reading +2 digits) |
|  |  | Preset voltage and current: $\pm$ (1\% reading +8 digits) |
| General |  |  |
| Insulation |  | Between base and output terminal: $\geq 20 \mathrm{M} \Omega / 500 \mathrm{VDC}$ |
|  |  | Between base and AC power cord: $\geq 300 \mathrm{M} / 500 \mathrm{VDC}$ |
| Operating environment |  | $0^{\circ} \mathrm{C} \sim 40^{\circ} \mathrm{C}$, $\leq 80 \% \mathrm{RH}$ |
| Storage environment |  | $-10^{\circ} \mathrm{C} \sim 70^{\circ} \mathrm{C}, \leq 70 \% \mathrm{RH}$ |
| Power source |  | AC110V/220V $\pm 10 \%, 50 / 60 \mathrm{~Hz}$ |
| Accessories |  | Power cord x 1 , Operation manual x 1 , Test lead x 1 |

## Selection guide

| Model | TP-2303E | TP-2305E | TP-2303K | TP-2305K | TP-2303 | TP-2305 | TP-2303TK | TP-2305TK |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Output voltage | 0~30V x2 | 0~30V x2 | 0~30V x2 | 0~30V x2 | 0~30V x2 | 0~30V x2 | 0~30V x2 | 0~30V x2 |
| Output current | $0 \sim 3 A \times 2$ | $0 \sim 5 \mathrm{~A} \times 2$ | $0 \sim 3 A \times 2$ | $0 \sim 5 \mathrm{~A} \times 2$ | $0 \sim 3 A \times 2$ | $0 \sim 5 \mathrm{~A} \times 2$ | $0 \sim 3 A \times 2$ | $0 \sim 5 A \times 2$ |
| Fixed output |  |  | 5V/3A | 5V/3A | $5 \mathrm{~V} / 3 \mathrm{~A}$ | $5 \mathrm{~V} / 3 \mathrm{~A}$ | $5 \mathrm{~V} / 3 \mathrm{~A}$ | 5V/3A |
| Preset V\&I |  |  |  |  |  |  | $\checkmark$ | $\checkmark$ |
| Output ON/OFF |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Tracking operation | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Dimension (WxHxD) | $255 \times 155 \times 330 \mathrm{~mm}$ |  |  |  | $255 \times 155 \times 370 \mathrm{~mm}$ |  |  |  |
| Weight | 7 kg | 9 kg | 7 kg | 9 kg | 8 kg | 10kg | 8 kg | 10kg |

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## Multiple Output 195W~325W

## Introduction

The TP2000PU series are linear DC power supplies with 3 channels, 195 W to 325 W output. In constant voltage and current operations, the power supply provides high regulation and low ripple \& noise. Auto series and parallel operations double output voltage and current. A particular feature of the TP2000PU series is the USB output with fixed $5 \mathrm{~V} / 2 \mathrm{~A}$. The USB $5 \mathrm{~V} / 2 \mathrm{~A}$ output can be used for charging various small electronic devices and for some special logic circuits. The output ON/OFF control and preset voltage \& current function protect the power supply and related loads from unexpected damages. The TP2000PU series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.

## Features

$\sqrt{ }$ Two independent adjustable outputs $0 \sim 30 \mathrm{~V} / 0 \sim 3 \mathrm{~A} \times 2,0 \sim 30 \mathrm{~V} / 5 \mathrm{~A} \times 2,0 \sim 50 \mathrm{~V} / 0 \sim 3 \mathrm{~A} \times 2$
$\sqrt{ }$ Fixed $2.5 \mathrm{~V} / 3.3 \mathrm{~V} / 5 \mathrm{~V} / 3 \mathrm{~A}$ binding post output, and fixed $5 \mathrm{~V} / 2 \mathrm{~A}$ USB output
$\checkmark$ Constant voltage and constant current operations, auto CV and CC switch
$\sqrt{ }$ Low ripple and noise, low temperature drift
$\sqrt{ }$ Auto Series and Parallel tracking operations
$\sqrt{ }$ Output ON/OFF control
$\sqrt{ }$ Preset function, setting of voltage and current with output open circuit (TP-2303PU/2305PU/2503PU)
$\sqrt{\boldsymbol{V}}$ High efficiency, high power density
$\sqrt{ }$ Over load and reverse polarity protections
$\checkmark$ Dual-color four digital panel meters
$\sqrt{ }$ SMD PCB, high quality, high reliability

## Product photo

## TP-2303PU



TP-2303N


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| Specifications |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Rated output |  | 0~30V/0~3A | 0~30V/0~5A | 0~50V/0~3A |
| Constant voltage operation |  |  |  |  |
| Line regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ |  |  |
| Load regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ | $\leq 0.02 \%+5 \mathrm{mV}$ | $\leq 0.01 \%+3 \mathrm{mV}$ |
| Ripple \& Noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 1 \mathrm{mV}$ rms | $\leq 2 \mathrm{mVrms}$ | $\leq 1 \mathrm{mVrms}$ |
| Constant current operation |  |  |  |  |
| Line regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}$ |  |  |
| Load regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}$ | $\leq 0.2 \%+5 \mathrm{~mA}$ | $\leq 0.2 \%+3 \mathrm{~mA}$ |
| Ripple \& Noise |  | $\leq 3 \mathrm{mArms}$ | $\leq 6 \mathrm{mArms}$ | $\leq 3 \mathrm{mArms}$ |
| Tracking operation |  |  |  |  |
| Parallel | Line regulation | $\leq 0.01 \%+3 \mathrm{mV}$ |  |  |
|  | Load regulation | $\leq 0.02 \%+5 \mathrm{mV}$ |  |  |
| Series | Line regulation | $\leq 0.01 \%+5 \mathrm{mV}$ |  |  |
|  | Load regulation | $\leq 300 \mathrm{mV}$ |  |  |
| Auxiliary output (CH3) |  |  |  |  |
| Load regulation |  | $\leq 25 \mathrm{mV}$ @ $110 / 220 \mathrm{VAC}$ rated input |  |  |
| Ripple \& Noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 2 \mathrm{mVrms}$ |  |  |
| Display |  |  |  |  |
| Voltmeter |  | 3 digits LED display |  |  |
| Ammeter |  | 3 digits LED display |  |  |
| Resolution |  | $100 \mathrm{mV} / 10 \mathrm{~mA}$ |  |  |
| Accuracy |  | Real voltage and current output: $\pm$ (1\% reading +2 digits) |  |  |
|  |  | Preset voltage and current: $\pm(1 \%$ reading +8 digits) |  |  |
| General |  |  |  |  |
| Operating environment |  | $0^{\circ} \mathrm{C} \sim 40^{\circ} \mathrm{C}, \leq 80 \% \mathrm{RH}$ |  |  |
| Storage environment |  | $-10^{\circ} \mathrm{C} \sim 70^{\circ} \mathrm{C}, \leq 70 \% \mathrm{RH}$ |  |  |
| Power source |  | AC110V/220V $\pm 10 \%, 50 / 60 \mathrm{~Hz}$ |  |  |
| Accessories |  | Power cord x 1 , Operation manual x 1 , Test lead x 1 |  |  |


| Model |  | TP-2303N | TP-2305N | TP-2503N | TP-2303PU | TP-2305PU | TP-2503PU |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Output voltage |  | $0 \sim 30 \mathrm{~V}$ x2 | $0 \sim 30 \mathrm{~V}$ x 2 | 0~50V x2 | 0~30V x2 | 0~30V x2 | 0~50V x2 |
| Output current |  | $0 \sim 3 A \times 2$ | 0~5A x2 | $0 \sim 3 A \times 2$ | $0 \sim 3 A \times 2$ | 0~5A x2 | 0~3A x2 |
| Fixed output | CH3 | 2.5/3.3/5V/3A | 2.5/3.3/5V/3A | 2.5/3.3/5V/3A | 2.5/3.3/5V/3A | 2.5/3.3/5V/3A | $2.5 / 3.3 / 5 \mathrm{~V} / 3 \mathrm{~A}$ |
|  | USB |  |  |  | 5V/2A | 5V/2A | 5V/2A |
| Preset V\&I |  |  |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Output ON/OFF |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Tracking operation |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Dimension (WxHxD) |  | $255 \times 155 \times 310 \mathrm{~mm}$ |  |  |  |  |  |
| Weight |  | 8kg | 9.5 kg | 9.5 kg | 8.5 kg | 10kg | 10kg |

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## 4CH Output 210W~330W

## Introduction

The TP4000N series are linear DC power supplies with 4 channels, two main channels with $0 \sim 30 \mathrm{~V} / 0 \sim 50 \mathrm{~V}$ output and two auxiliary channels with $2.2 \sim 15 \mathrm{~V}$ output. Auto series and parallel operations double output voltage and current in the main channels ( $\mathrm{CH} 1 / \mathrm{CH} 2$ ). Auxiliary channels $(\mathrm{CH} 3 / \mathrm{CH} 4)$ can also be connected through external test leads to double output voltage and current. Automatic cooling fan control give sufficient cooling to the power supply and minimize fan noise. The output ON/OFF control and preset voltage \& current function protect the power supply and related loads from unexpected damages. The TP4000N series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.

## Features

| $\checkmark$ | Two main channels with $0 \sim 30 \mathrm{~V} / 0 \sim 3 \mathrm{~A} \times 2,0 \sim 30 \mathrm{~V} / 5 \mathrm{~A} \times 2,0 \sim 50 \mathrm{~V} / 0 \sim 3 \mathrm{~A} \times 2$ output |
| :--- | :--- | :--- |
| $\checkmark$ | Two auxiliary channels with $2.2 \sim 15 \mathrm{~V} / 1 \mathrm{~A} \times 2$ output |
| $\checkmark$ | Constant voltage and constant current operations, auto CV and CC switch |
| $\checkmark$ | Low ripple and noise, low temperature drift |
| $\checkmark$ | Auto Series and Parallel tracking operations |
| $\checkmark$ | Output ON/OFF control |
| $\checkmark$ | Preset function, setting of voltage and current with output open circuit |
| $\checkmark$ | High efficiency, high power density |
| $\checkmark$ | Over load and reverse polarity protections |
| $\checkmark$ | Dual-color four digital panel meters |
| $\checkmark$ | SMD PCB, high quality, high reliability |

## Product photo

TP-4303N


| Specifications |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Model |  | TP-4303N | TP-4305N | TP-4503N |
| Constant voltage operation |  |  |  |  |
| Line regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ |  |  |
| Load regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ | $\leq 0.02 \%+5 \mathrm{mV}$ | $\leq 0.01 \%+3 \mathrm{mV}$ |
| Ripple \& Noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 1 \mathrm{mVrms}$ | $\leq 2 \mathrm{mVrms}$ | $\leq 1 \mathrm{mVrms}$ |
| Constant current operation |  |  |  |  |
| Line regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}$ |  |  |
| Load regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}$ | $\leq 0.2 \%+5 \mathrm{~mA}$ | $\leq 0.2 \%+3 \mathrm{~mA}$ |
| Ripple \& Noise |  | $\leq 3 \mathrm{mArms}$ | $\leq 6 \mathrm{mArms}$ | $\leq 3 \mathrm{mArms}$ |
| Tracking operation |  |  |  |  |
| Parallel | Line regulation | $\leq 0.01 \%+3 \mathrm{mV}$ |  |  |
|  | Load regulation | $\leq 0.02 \%+5 \mathrm{mV}$ |  |  |
| Series | Line regulation | $\leq 0.01 \%+5 \mathrm{mV}$ |  |  |
|  | Load regulation | $\leq 300 \mathrm{mV}$ |  |  |
| Auxiliary output (CH3/CH4) |  |  |  |  |
| Output voltage |  | 2.2V~15V |  |  |
| Output current |  | Fixed 1A |  |  |
| Load regulation |  | $\leq 25 \mathrm{mV} @ 110 \mathrm{~V} / 220 \mathrm{Vac}$ rated input |  |  |
| Ripple \& noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 2 \mathrm{mVrms}$ |  |  |
| Display |  |  |  |  |
| Voltmeter |  | 3 digits LED display |  |  |
| Ammeter |  | 3 digits LED display |  |  |
| Resolution |  | $100 \mathrm{mV} / 10 \mathrm{~mA}$ |  |  |
| Accuracy |  | Real voltage and current output: $\pm$ (1\% reading +2 digits) |  |  |
|  |  | Preset voltage and current: $\pm$ (1\% reading +8 digits) |  |  |
| General |  |  |  |  |
| Operating environment |  | $0^{\circ} \mathrm{C} \sim 40^{\circ} \mathrm{C}, \leq 80 \% \mathrm{RH}$ |  |  |
| Storage environment |  | $-10^{\circ} \mathrm{C} \sim 70^{\circ} \mathrm{C}, \leq 70 \% \mathrm{RH}$ |  |  |
| Power source |  | AC110V/220V $\pm 10 \%, 50 / 60 \mathrm{~Hz}$ |  |  |
| Accessories |  | Power cord x 1 , Operation manual x 1 , Test lead x 1 |  |  |
| Selection guide |  |  |  |  |
| Model |  | TP-4303N | TP-4305N | TP-4503N |
| Output voltage |  | $0 \sim 30 \mathrm{~V}$ x2 | $0 \sim 30 \mathrm{~V}$ x2 | $0 \sim 50 \mathrm{~V}$ x2 |
| Output current |  | 0~3A x2 | 0~5A x2 | 0~3A x2 |
| Auxiliary output |  | 2.2~15V/1A x2 | $2.2 \sim 15 \mathrm{~V} / 1 \mathrm{~A} \times 2$ | 2.2~15V/1A x2 |
| Preset V\&I |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Output ON/OFF |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Tracking operation |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Dimension (WxHxD) |  | 255x155x310mm |  |  |

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## Dual Output 600W

## Introduction

The TP600W series are linear DC power supplies with 2 channels, 600 W output. In constant voltage and current operations, the power supply provides high regulation and low ripple \& noise. Auto series and parallel operations double output voltage and current. Automatic cooling fan control give sufficient cooling to the power supply and minimize fan noise. The output ON/OFF control and preset voltage \& current function protect the power supply and related loads from unexpected damages. The TP600W series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.

## Features

$\sqrt{ }$ Two independent adjustable outputs 0~30V/0~10A x2 (TP-30102), 0~60V/0~5A x2 (TP-60052)
$\sqrt{ }$ Constant voltage and constant current operations, auto CV and CC switch
$\sqrt{ }$ Low ripple and noise, low temperature drift
$\sqrt{\sqrt{2}}$ Auto Series and Parallel tracking operations
$\sqrt{ }$ Output ON/OFF control
$\sqrt{ }$ Preset function, setting of voltage and current with output open circuit
$\sqrt{\boldsymbol{V}}$ High efficiency, high power density
$\checkmark$ Over load and reverse polarity protections
$\checkmark$ Dual-color four digital panel meters

## Product photo

TP-30102


## Specifications

| Constant voltage operation |  |  |
| :---: | :---: | :---: |
| Line regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ |
| Load regulation |  | $\leq 0.01 \%+3 \mathrm{mV}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 0.02 \%+5 \mathrm{mV}$ ( $1>3 \mathrm{~A}$ ) |
| Ripple \& Noise ( $5 \mathrm{~Hz} \sim 1 \mathrm{MHz}$ ) |  | $\leq 1 \mathrm{mVrms}(\mathrm{l} \leq 3 \mathrm{~A}) ; \leq 2 \mathrm{mVrms}(\mathrm{l}>3 \mathrm{~A})$ |
| Constant current operation |  |  |
| Line regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}$ |
| Load regulation |  | $\leq 0.2 \%+3 \mathrm{~mA}(\mathrm{l} \leq 3 \mathrm{~A}) ; \leq 0.2 \%+5 \mathrm{~mA}(1>3 \mathrm{~A})$ |
| Ripple \& Noise |  | $\leq 3 \mathrm{mArms}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 6 \mathrm{mArms}$ ( $1>3 \mathrm{~A}$ ) |
| Tracking operation |  |  |
| Parallel | Line regulation | $\leq 0.01 \%+3 \mathrm{mV}$ |
|  | Load regulation | $\leq 0.01 \%+3 \mathrm{mV}$ ( $1 \leq 3 \mathrm{~A}$ ); $\leq 0.02 \%+5 \mathrm{mV}$ ( $1>3 \mathrm{~A}$ ) |
| Series | Line regulation | $\leq 0.01 \%+5 \mathrm{mV}$ |
|  | Load regulation | $\leq 300 \mathrm{mV}$ |
|  | Tracking error | $\leq 0.5 \%+10 \mathrm{mV}$ of the master, no load (with load, add load regulation $\leq 300 \mathrm{mV}$ ) |
| Display |  |  |
| Accuracy |  | Real voltage and current output: $\pm$ (1\% reading +2 digits) |
|  |  | Preset voltage and current: $\pm(1 \%$ reading +8 digits) |
| General |  |  |
| Insulation |  | Between base and output terminal: $\geq 20 \mathrm{M} \Omega / 500 \mathrm{VDC}$ |
|  |  | Between base and AC power cord: $\geq 300 \mathrm{M} \Omega / 500 \mathrm{VDC}$ |
| Operating environment |  | $0^{\circ} \mathrm{C} \sim 40^{\circ} \mathrm{C}, \leq 80 \% \mathrm{RH}$ |
| Storage environment |  | $-10^{\circ} \mathrm{C} \sim 70^{\circ} \mathrm{C}, \leq 70 \% \mathrm{RH}$ |
| Power source |  | AC110V/220V $\pm 10 \%, 50 / 60 \mathrm{~Hz}$ |
| Accessories |  | Power cord x 1 , Operation manual x 1 |

## Selection guide

| Model | TP-30102 | TP-60052 |
| :---: | :---: | :---: |
| Output voltage | $0 \sim 30 \mathrm{~V} \times 2$ | 0~60V x2 |
| Output current | $0 \sim 10 \mathrm{~A} \times 2$ | 0~5A x2 |
| Voltmeter | 3 digits LED | 3 digits LED |
| Ammeter | 4 digits LED | 3digits LED |
| Resolution | $100 \mathrm{mV} / 10 \mathrm{~mA}$ | $100 \mathrm{mV} / 10 \mathrm{~mA}$ |
| Fixed output |  |  |
| Preset V\&I | $\checkmark$ | $\checkmark$ |
| Output ON/OFF | $\checkmark$ | $\checkmark$ |
| Tracking operation | $\checkmark$ | $\checkmark$ |
| Dimension (WxHxD) | $255 \times 155 \times 460 \mathrm{~mm}$ | $255 \times 155 \times 460 \mathrm{~mm}$ |
| Weight | 16kg | 16 kg |

Specifications are subject to change without prior notice.

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