



# Programmable DC Power Supply

## Th6600P Series

### Features

- High power density: 3U high single machine power 5kW/10kW/15kW
- Master-slave mode parallel, expandable to 240kW
- High accuracy and high resolution, low ripple and low noise
- Power mode supports CV, CC, CR, CP automatic conversion
- Built-in function generator: built-in sine, triangle, arbitrary wave and other waveforms, support custom waveforms
- 0.99 power factor
- 7-inch 24-bit color TFT LCD capacitive touch screen, 800×480 resolution
- Linux operating system
- Data recording function: real-time recording of voltage, current and other information, and save to USB flash drive
- USB flash drive upgrade: update the instrument system through USB flash drive
- Support knob and cursor to accurately adjust the value
- Intelligent fan control, save energy and reduce noise
- Timing function: timing the instrument output
- Analog interface: for external analog control
- Protection: built-in hardware OVP, OCP, OPP and other protections, customizable alarm events
- Support SCPI and MODBUS protocols

NEW



| RS232    | GPIO     | LAN      | USB HOST | USB DEVICE |
|----------|----------|----------|----------|------------|
| standard | standard | standard | standard | standard   |

### TH6600P Series

Dimension(mm): 483(W)×133(H)×793.5(D)

Weight: 21.65kg / 30.45kg / 37.55kg

### Application

- R&D and design verification general test
- New energy: solar cells, new power vehicles, electric bicycles
- Routine testing and maintenance of production line benches
- Automation equipment integration testing
- Solar PV simulation test
- Teaching laboratories
- LED testing
- Automotive harness reliability testing



# Programmable DC Power Supply

## Th6600P Series

### Specifications

| Model                                          |                                | TH6680P-120-05                                   | TH6680P-240-10        | TH6680P-360-15        |
|------------------------------------------------|--------------------------------|--------------------------------------------------|-----------------------|-----------------------|
| Rated Output<br>(Power Mode)                   | Power                          | 0-5kW                                            | 0-10kW                | 0-15kW                |
|                                                | Voltage                        | 0-80V                                            | 0-80V                 | 0-80V                 |
|                                                | Current                        | 0-120A                                           | 0-240A                | 0-360A                |
|                                                | Internal Resistance            | 0.02-25Ω                                         | 0.01-13Ω              | 0.006-10Ω             |
| Load Regulation<br>*1                          | Voltage                        | ≤0.05%FS                                         | ≤0.05%FS              | ≤0.05%FS              |
|                                                | Current                        | ≤0.15%FS                                         | ≤0.15%FS              | ≤0.15%FS              |
|                                                | Power                          | ≤0.75%FS                                         | ≤0.75%FS              | ≤0.75%FS              |
| Power Regulation<br>*2                         | Voltage                        | ≤0.02%FS                                         | ≤0.02%FS              | ≤0.02%FS              |
|                                                | Current                        | ≤0.05%FS                                         | ≤0.05%FS              | ≤0.05%FS              |
|                                                | Power                          | ≤0.05%FS                                         | ≤0.05%FS              | ≤0.05%FS              |
| Setting<br>Resolution                          | Voltage                        | 10mV                                             | 10mV                  | 10mV                  |
|                                                | Current                        | 0.1A                                             | 0.1A                  | 0.1A                  |
|                                                | Power                          | 1W                                               | 1W                    | 1W                    |
|                                                | Internal Resistance            | 0.001Ω                                           | 0.001Ω                | 0.001Ω                |
| Readback<br>Resolution                         | Voltage                        | 10mV                                             | 10mV                  | 10mV                  |
|                                                | Current                        | 0.1A                                             | 0.1A                  | 0.1A                  |
|                                                | Power                          | 1W                                               | 1W                    | 1W                    |
|                                                | Internal Resistance            | 0.001Ω                                           | 0.001Ω                | 0.001Ω                |
| Setpoint Accuracy<br>12Months<br>(25°C±5°C)    | Voltage                        | ≤0.1%FS                                          | ≤0.1%FS               | ≤0.1%FS               |
|                                                | Current                        | ≤0.2%FS                                          | ≤0.2%FS               | ≤0.2%FS               |
|                                                | Power                          | ≤1%FS                                            | ≤1%FS                 | ≤1%FS                 |
|                                                | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                       |                       |
| Readback<br>Accuracy<br>12Months<br>(25°C±5°C) | Voltage                        | ≤0.2%FS                                          | ≤0.2%FS               | ≤0.2%FS               |
|                                                | Current                        | ≤0.2%FS                                          | ≤0.2%FS               | ≤0.2%FS               |
|                                                | Power                          | ≤1%FS                                            | ≤1%FS                 | ≤1%FS                 |
|                                                | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                       |                       |
| Ripple & Noise<br>(20Hz-2MHz)                  | Differential Mode<br>Voltage   | ≤200mVp-p and 16mVrms                            | ≤320mVp-p and 25mVrms | ≤320mVp-p and 25mVrms |
|                                                | Differential Mode<br>Current   | ≤80mArms                                         | ≤160mArms             | ≤240mArms             |
| Dynamic Recovery Time<br>(50%-100%Load)        |                                | ≤1.5ms                                           |                       |                       |
| Remote Sensor Compensation                     |                                | ≤0.5%FS                                          |                       |                       |
| Power Supply Conversion Efficiency             |                                | ≤93%                                             |                       |                       |
| Energy Feedback Efficiency                     |                                | ≤93%                                             |                       |                       |
| Volume & Weight                                | Rack Mount<br>(WxHxD) mm       | 430×133×703.5                                    |                       |                       |
|                                                | Overall Dimension<br>(WxHxD)mm | 483×133×793.5                                    |                       |                       |
|                                                | Weight (net weight)            | 21.65kg                                          | 30.45kg               | 37.55kg               |
| Power Supply                                   |                                | 342VAC-528VAC, 44-66Hz                           |                       |                       |



# Programmable DC Power Supply

## Th6600P Series

### Specifications

| Model                                    |                                | TH66200P-70-05                                   | TH66200P-140-10       | TH66200P-210-15       |
|------------------------------------------|--------------------------------|--------------------------------------------------|-----------------------|-----------------------|
| Rated Output<br>(Power Mode)             | Power                          | 0-5kW                                            | 0-10kW                | 0-15kW                |
|                                          | Voltage                        | 0-200V                                           | 0-200V                | 0-200V                |
|                                          | Current                        | 0-70A                                            | 0-140A                | 0-210A                |
|                                          | Internal Resistance            | 0.1-150Ω                                         | 0.05-75Ω              | 0.033-50Ω             |
| Load Regulation*1                        | Voltage                        | ≤0.05% FS                                        | ≤0.05% FS             | ≤0.05% FS             |
|                                          | Current                        | ≤0.15% FS                                        | ≤0.15% FS             | ≤0.15% FS             |
|                                          | Power                          | ≤0.75% FS                                        | ≤0.75% FS             | ≤0.75% FS             |
| Power Regulation*2                       | Voltage                        | ≤0.02% FS                                        | ≤0.02% FS             | ≤0.02% FS             |
|                                          | Current                        | ≤0.05% FS                                        | ≤0.05% FS             | ≤0.05% FS             |
|                                          | Power                          | ≤0.05% FS                                        | ≤0.05% FS             | ≤0.05% FS             |
| Minimum resolution of setpoint           | Voltage                        | 10mV                                             | 10mV                  | 10mV                  |
|                                          | Current                        | 0.01A                                            | 0.01A                 | 0.01A                 |
|                                          | Power                          | 1W                                               | 1W                    | 1W                    |
|                                          | Internal Resistance            | 0.01Ω                                            | 0.01Ω                 | 0.01Ω                 |
| Minimum resolution of readback value     | Voltage                        | 10mV                                             | 10mV                  | 10mV                  |
|                                          | Current                        | 0.01A                                            | 0.01A                 | 0.01A                 |
|                                          | Power                          | 1W                                               | 1W                    | 1W                    |
|                                          | Internal Resistance            | 0.0001Ω                                          | 0.0001Ω               | 0.0001Ω               |
| Setpoint accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS              | ≤0.1% FS              |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS              | ≤0.2% FS              |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                | ≤1% FS                |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                       |                       |
| Readback accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS              | ≤0.1% FS              |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS              | ≤0.2% FS              |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                | ≤1% FS                |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                       |                       |
| Ripple & Noise<br>(20Hz-2MHz)            | Differential Mode Voltage      | ≤320mVp-p and 45mVrms                            | ≤320mVp-p and 45mVrms | ≤320mVp-p and 45mVrms |
|                                          | Differential Mode Current      | ≤22mArms                                         | ≤44mArms              | ≤66mArms              |
| Dynamic recovery time<br>(50%-100% Load) |                                | ≤1.5ms                                           |                       |                       |
| Remote Sensor Compensation               |                                | ≤5% FS                                           |                       |                       |
| Power Supply Conversion Efficiency       |                                | ≤93%                                             |                       |                       |
| Volume & Weight                          | Rack Mount(WxHxD)mm            | 430×133×703.5                                    |                       |                       |
|                                          | Overall Dimension<br>(WxHxD)mm | 483×133×793.5                                    |                       |                       |
|                                          | Weight (net weight)            | 21.65kg                                          | 30.45kg               | 37.55kg               |
| Power Supply                             |                                | 342VAC-528VAC, 44-66Hz                           |                       |                       |

\*1 Load regulation ratio at load from 0-100% when used as a power supply.

\*2 Power regulation ratio at power supply from 0-100% when used as a load.



# Programmable DC Power Supply

## Th6600P Series

### Specifications

| Model                                    |                                | TH66360P-40-05                                   | TH66360P-80-10           | TH66360P-120-15          |
|------------------------------------------|--------------------------------|--------------------------------------------------|--------------------------|--------------------------|
| Rated Output<br>(Power Mode)             | Power                          | 0-5kW                                            | 0-10kW                   | 0-15kW                   |
|                                          | Voltage                        | 0-360V                                           | 0-360V                   | 0-360V                   |
|                                          | Current                        | 0-40A                                            | 0-80A                    | 0-120A                   |
|                                          | Internal Resistance            | 0.3-520Ω                                         | 0.15-260Ω                | 0.1-180Ω                 |
| Load Regulation*1                        | Voltage                        | ≤0.05% FS                                        | ≤0.05% FS                | ≤0.05% FS                |
|                                          | Current                        | ≤0.15% FS                                        | ≤0.15% FS                | ≤0.15% FS                |
|                                          | Power                          | ≤0.75% FS                                        | ≤0.75% FS                | ≤0.75% FS                |
| Power Regulation*2                       | Voltage                        | ≤0.02% FS                                        | ≤0.02% FS                | ≤0.02% FS                |
|                                          | Current                        | ≤0.05% FS                                        | ≤0.05% FS                | ≤0.05% FS                |
|                                          | Power                          | ≤0.05% FS                                        | ≤0.05% FS                | ≤0.05% FS                |
| Minimum resolution of<br>setpoint        | Voltage                        | 10mV                                             | 10mV                     | 10mV                     |
|                                          | Current                        | 0.01A                                            | 0.01A                    | 0.01A                    |
|                                          | Power                          | 1W                                               | 1W                       | 1W                       |
|                                          | Internal Resistance            | 0.01Ω                                            | 0.01Ω                    | 0.01Ω                    |
| Minimum resolution of<br>readback value  | Voltage                        | 10mV                                             | 10mV                     | 10mV                     |
|                                          | Current                        | 0.01A                                            | 0.01A                    | 0.01A                    |
|                                          | Power                          | 1W                                               | 1W                       | 1W                       |
|                                          | Internal Resistance            | 0.0001Ω                                          | 0.0001Ω                  | 0.0001Ω                  |
| Setpoint accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS                 | ≤0.1% FS                 |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS                 | ≤0.2% FS                 |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                   | ≤1% FS                   |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                          |                          |
| Readback accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS                 | ≤0.1% FS                 |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS                 | ≤0.2% FS                 |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                   | ≤1% FS                   |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                          |                          |
| Ripple & Noise<br>(20Hz-2MHz)            | Differential Mode<br>Voltage   | ≤320mVp-p and<br>55mVrms                         | ≤320mVp-p and<br>55mVrms | ≤320mVp-p and<br>55mVrms |
|                                          | Differential Mode<br>Current   | ≤18mArms                                         | ≤35mArms                 | ≤50mArms                 |
| Dynamic recovery time<br>(50%-100%Load)  |                                | ≤1.5ms                                           |                          |                          |
| Remote Sensor Compensation               |                                | ≤5% FS                                           |                          |                          |
| Power Supply Conversion Efficiency       |                                | ≤93%                                             |                          |                          |
| Energy Feedback Efficiency               |                                | ≤93%                                             |                          |                          |
| Volume & Weight                          | Rack Mount<br>(WxHxD)mm        | 430×133×703.5                                    |                          |                          |
|                                          | Overall Dimension<br>(WxHxD)mm | 483×133×793.5                                    |                          |                          |
|                                          | Weight (net weight)            | 21.65kg                                          | 30.45kg                  | 37.55kg                  |
| Power Supply                             |                                | 342VAC-528VAC, 44-66Hz                           |                          |                          |



# Programmable DC Power Supply

## Th6600P Series

### Specifications

| Model                                    |                                | TH66500P-30-05                                   | TH66500P-60-10        | TH66500P-90-15           |
|------------------------------------------|--------------------------------|--------------------------------------------------|-----------------------|--------------------------|
| Rated Output<br>(Power Mode)             | Power                          | 0-5kW                                            | 0-10kW                | 0-15kW                   |
|                                          | Voltage                        | 0-500V                                           | 0-500V                | 0-500V                   |
|                                          | Current                        | 0-30A                                            | 0-60A                 | 0-90A                    |
|                                          | Internal Resistance            | 0.5-1000Ω                                        | 0.25-500Ω             | 0.16-340Ω                |
| Load Regulation*1                        | Voltage                        | ≤0.05% FS                                        | ≤0.05% FS             | ≤0.05% FS                |
|                                          | Current                        | ≤0.15% FS                                        | ≤0.15% FS             | ≤0.15% FS                |
|                                          | Power                          | ≤0.75% FS                                        | ≤0.75% FS             | ≤0.75% FS                |
| Power Regulation*2                       | Voltage                        | ≤0.02% FS                                        | ≤0.02% FS             | ≤0.02% FS                |
|                                          | Current                        | ≤0.05% FS                                        | ≤0.05% FS             | ≤0.05% FS                |
|                                          | Power                          | ≤0.05% FS                                        | ≤0.05% FS             | ≤0.05% FS                |
| Minimum resolution of<br>setpoint        | Voltage                        | 10mV                                             | 10mV                  | 10mV                     |
|                                          | Current                        | 0.01A                                            | 0.01A                 | 0.01A                    |
|                                          | Power                          | 1W                                               | 1W                    | 1W                       |
|                                          | Internal Resistance            | 0.01Ω                                            | 0.01Ω                 | 0.01Ω                    |
| Minimum resolution of<br>readback value  | Voltage                        | 10mV                                             | 10mV                  | 10mV                     |
|                                          | Current                        | 0.01A                                            | 0.01A                 | 0.01A                    |
|                                          | Power                          | 1W                                               | 1W                    | 1W                       |
|                                          | Internal Resistance            | 0.0001Ω                                          | 0.0001Ω               | 0.0001Ω                  |
| Setpoint accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS              | ≤0.1% FS                 |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS              | ≤0.2% FS                 |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                | ≤1% FS                   |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                       |                          |
| Readback accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS              | ≤0.1% FS                 |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS              | ≤0.2% FS                 |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                | ≤1% FS                   |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                       |                          |
| Ripple & Noise<br>(20Hz-2MHz)            | Differential Mode<br>Voltage   | ≤350mVp-p and<br>70mVrms                         | ≤350mVp-p and 70mVrms | ≤350mVp-p and<br>70mVrms |
|                                          | Differential Mode<br>Current   | ≤16mArms                                         | ≤32mArms              | ≤48mArms                 |
| Dynamic recovery time<br>(50%-100%Load)  |                                | ≤1.5ms                                           |                       |                          |
| Remote Sensor Compensation               |                                | ≤5%                                              |                       |                          |
| Power Supply Conversion Efficiency       |                                | ≤93%                                             |                       |                          |
| Volume & Weight                          | Rack Mount<br>(WxHxD)mm        | 430×133×703.5                                    |                       |                          |
|                                          | Overall Dimension<br>(WxHxD)mm | 483×133×793.5                                    |                       |                          |
|                                          | Weight (net weight)            | 21.65kg                                          | 30.45kg               | 37.55kg                  |
| Power Supply                             |                                | 342VAC-528VAC, 44-66Hz                           |                       |                          |



# Programmable DC Power Supply

## Th6600P Series

### Specifications

| Model                                    |                                | TH66750P-20-05                                   | TH66750P-40-10            | TH66750P-60-15            |
|------------------------------------------|--------------------------------|--------------------------------------------------|---------------------------|---------------------------|
| Rated Output<br>(Power Mode)             | Power                          | 0-5kW                                            | 0-10kW                    | 0-15kW                    |
|                                          | Voltage                        | 0-750V                                           | 0-750V                    | 0-750V                    |
|                                          | Current                        | 0-20A                                            | 0-40A                     | 0-60A                     |
|                                          | Internal Resistance            | 1.2-2200Ω                                        | 0.6-1100Ω                 | 0.4-740Ω                  |
| Load Regulation*1                        | Voltage                        | ≤0.05% FS                                        | ≤0.05% FS                 | ≤0.05% FS                 |
|                                          | Current                        | ≤0.15% FS                                        | ≤0.15% FS                 | ≤0.15% FS                 |
|                                          | Power                          | ≤0.75% FS                                        | ≤0.75% FS                 | ≤0.75% FS                 |
| Power Regulation*2                       | Voltage                        | ≤0.02% FS                                        | ≤0.02% FS                 | ≤0.02% FS                 |
|                                          | Current                        | ≤0.05% FS                                        | ≤0.05% FS                 | ≤0.05% FS                 |
|                                          | Power                          | ≤0.05% FS                                        | ≤0.05% FS                 | ≤0.05% FS                 |
| Minimum resolution of<br>setpoint        | Voltage                        | 10mV                                             | 10mV                      | 10mV                      |
|                                          | Current                        | 0.01A                                            | 0.01A                     | 0.01A                     |
|                                          | Power                          | 1W                                               | 1W                        | 1W                        |
|                                          | Internal Resistance            | 0.01Ω                                            | 0.01Ω                     | 0.01Ω                     |
| Minimum resolution of<br>readback value  | Voltage                        | 10mV                                             | 10mV                      | 10mV                      |
|                                          | Current                        | 0.01A                                            | 0.01A                     | 0.01A                     |
|                                          | Power                          | 1W                                               | 1W                        | 1W                        |
|                                          | Internal Resistance            | 0.0001Ω                                          | 0.0001Ω                   | 0.0001Ω                   |
| Setpoint accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS                  | ≤0.1% FS                  |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS                  | ≤0.2% FS                  |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                    | ≤1% FS                    |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                           |                           |
| Readback accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS                  | ≤0.1% FS                  |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS                  | ≤0.2% FS                  |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                    | ≤1% FS                    |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current |                           |                           |
| Ripple & Noise<br>(20Hz-2MHz)            | Differential Mode Voltage      | ≤800mVp-p and<br>200mVrms                        | ≤800mVp-p and<br>200mVrms | ≤800mVp-p and<br>200mVrms |
|                                          | Differential Mode Current      | ≤16mArms                                         | ≤32mArms                  | ≤48mArms                  |
| Dynamic recovery time<br>(50%-100%Load)  |                                | ≤1.5ms                                           |                           |                           |
| Remote Sensor Compensation               |                                | ≤5%                                              |                           |                           |
| Power Supply Conversion Efficiency       |                                | ≤93%                                             |                           |                           |
| Volume & Weight                          | Rack Mount(WxHxD)mm            | 430×133×703.5                                    |                           |                           |
|                                          | Overall Dimension<br>(WxHxD)mm | 483×133×793.5                                    |                           |                           |
|                                          | Weight (net weight)            | 21.65kg                                          | 30.45kg                   | 37.55kg                   |
| Power Supply                             |                                | 342VAC-528VAC, 44-66Hz                           |                           |                           |



# Programmable DC Power Supply

## Th6600P Series

### Specifications

| Model                                    |                                | TH661000P-40-15                                  | TH661500P-30-15                                  |
|------------------------------------------|--------------------------------|--------------------------------------------------|--------------------------------------------------|
| Rated Output<br>(Power Mode)             | Power                          | 0-15kW                                           | 0-15kW                                           |
|                                          | Voltage                        | 0-1000V                                          | 0-1500V                                          |
|                                          | Current                        | 0-40A                                            | 0-30A                                            |
|                                          | Internal Resistance            | 0.8-1300Ω                                        | 2.5-3000Ω                                        |
| Load Regulation*1                        | Voltage                        | ≤0.05% FS                                        | ≤0.05% FS                                        |
|                                          | Current                        | ≤0.15% FS                                        | ≤0.15% FS                                        |
|                                          | Power                          | ≤0.75% FS                                        | ≤0.75% FS                                        |
| Power Regulation*2                       | Voltage                        | ≤0.02% FS                                        | ≤0.02% FS                                        |
|                                          | Current                        | ≤0.05% FS                                        | ≤0.05% FS                                        |
|                                          | Power                          | ≤0.05% FS                                        | ≤0.05% FS                                        |
| Minimum resolution of<br>setpoint        | Voltage                        | 10mV                                             | 10mV                                             |
|                                          | Current                        | 0.01A                                            | 0.01A                                            |
|                                          | Power                          | 1W                                               | 1W                                               |
|                                          | Internal Resistance            | 0.01Ω                                            | 0.01Ω                                            |
| Minimum resolution of<br>readback value  | Voltage                        | 10mV                                             | 10mV                                             |
|                                          | Current                        | 0.01A                                            | 0.01A                                            |
|                                          | Power                          | 1W                                               | 1W                                               |
|                                          | Internal Resistance            | 0.0001Ω                                          | 0.0001Ω                                          |
| Setpoint accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS                                         |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS                                         |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                                           |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current | ≤1% of maximum resistance ±1% of maximum current |
| Readback accuracy<br>12Months (25°C±5°C) | Voltage                        | ≤0.1% FS                                         | ≤0.1% FS                                         |
|                                          | Current                        | ≤0.2% FS                                         | ≤0.2% FS                                         |
|                                          | Power                          | ≤1% FS                                           | ≤1% FS                                           |
|                                          | Internal Resistance            | ≤1% of maximum resistance ±1% of maximum current | ≤1% of maximum resistance ±1% of maximum current |
| Ripple & Noise<br>(20Hz-2MHz)            | Differential Mode Voltage      | ≤1600mVp-p and 300mVrms                          | ≤2400mVp-p and 400mVrms                          |
|                                          | Differential Mode Current      | ≤16mArms                                         | ≤26mArms                                         |
| Dynamic recovery time(50%-100%Load)      |                                | ≤1.5ms                                           | ≤1.5ms                                           |
| Remote Sensor Compensation               |                                | ≤5%                                              | ≤5%                                              |
| Power Supply Conversion Efficiency       |                                | ≤93%                                             | ≤93%                                             |
| Energy Feedback Efficiency               |                                | ≤93%                                             | ≤93%                                             |
| Volume & Weight                          | Rack Mount<br>(WxHxD)mm        | 430×133×703.5                                    | 430×133×703.5                                    |
|                                          | Overall Dimension<br>(WxHxD)mm | 483×133×793.5                                    | 483×133×793.5                                    |
|                                          | Weight (net weight)            | 37.55kg                                          | 37.55kg                                          |
| Power Supply                             |                                | 342VAC-528VAC, 44-66Hz                           | 342VAC-528VAC, 44-66Hz                           |