III. TH6600P Series Programmable DC Power Supply

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





RS232	GPIB	LAN	USB HOST	USB DEVICE
standard	standard	standard	standard	standard

TH6600P Series

Dimension(mm): 215(W)×125(H)×290(D) Weight: 32.5kg

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

III. TH6600P Series Programmable DC Power Supply

Model Fower 0-5kW 0-10kW 0-15kW 0-15kW 0-10kW 0-15kW 0-15kW 0-10kW 0-15kW 0-15kW 0-10kW 0-15kW 0-15kW 0-10kW 0-10kW 0-15kW 0-00k	_						
Rated Output (Power Mode) Voltage 0-80V 0-80V 0-80V 0-80V 0-80A 0-360A	Model		TH6680P-120-05	TH6680P-240-10	TH6680P-360-15		
Current 0-120A 0-240A 0-360A 0-360A Internal Resistance 0.02-25Q 0.01-13Q 0.006-10Q Load Regulation 1		Power	0-5kW	0-10kW	0-15kW		
Internal Resistance 0.02-25Q 0.01-13Q 0.006-10Q	Rated Output	Voltage	0-80V	0-80V	0-80V		
Load Regulation Power S0.05%FS S0.05%FS S0.15%FS S0.15%FS S0.15%FS S0.15%FS S0.15%FS S0.75%FS S0.05%FS S0.	(Power Mode)	Current	0-120A	0-240A	0-360A		
Load Regulation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Internal Resistance	0.02-25Ω	0.01-13Ω	0.006-10Ω		
Miller		Voltage	≤0.05%FS	≤0.05%FS	≤0.05%FS		
Power Regulation Power S0.75%FS S0.75%FS S0.02%FS S0.02%FS S0.02%FS S0.02%FS S0.02%FS S0.05%FS S0.		Current	≤0.15%FS	≤0.15%FS	≤0.15%FS		
Power Power Power Power ≤0.05%FS ≤0.010 <0.001Ω <0.001Ω <th< td=""><td>•</td><td>Power</td><td>≤0.75%FS</td><td>≤0.75%FS</td><td>≤0.75%FS</td></th<>	•	Power	≤0.75%FS	≤0.75%FS	≤0.75%FS		
Current S.0.5%FS		Voltage	≤0.02%FS	≤0.02%FS	≤0.02%FS		
Power \$0.05%FS \$0.05%FS \$0.05%FS		Current	≤0.05%FS	≤0.05%FS	≤0.05%FS		
Setting Resolution Current Power 1 W 1 0 M V 2 0 M M V 2 0 M M M 2 0 M M M 2 0 M M M 2 0 M M M 2 0 M M M 2 0 M M M 2 0 M M M 2 0 M M M M 2 0 M M M M 2 0 M M M M 2 0 M M M M M 2 0 M M M M M M M M M M M M M M M M M M	2	Power	≤0.05%FS	≤0.05%FS	≤0.05%FS		
Resolution Power 1W 1W 1W Internal Resistance 0.001Ω 0.001Ω 0.001Ω Readback Resolution Current 0.1A 0.1A 0.1A Power 1W 1W 1W 1W Internal Resistance 0.001Ω 0.001Ω 0.001Ω Setpoint Accuracy 12Months (25°C±5°C) Voltage \$0.1%FS \$0.1%FS \$0.2%FS Setpoint Accuracy 12Months (25°C±5°C) Power \$1% of maximum resistance ±1% FS \$0.2%FS \$0.2%FS Yoltage \$0.2%FS \$0.2%FS \$0.2%FS \$0.2%FS Readback Accuracy 12Months (25°C±5°C) Yoltage \$0.2%FS \$0.2%FS \$0.2%FS Current \$0.2%FS \$0.2%FS \$0.2%FS \$0.2%FS Current Secovery: 12Months (25°C±5°C) Power \$1%FS \$1%FS \$1%FS \$1%FS Internal Resistance Internal Mode (25°C±5°C) \$0.2%FS \$0.2%FS \$0.2%FS \$0.2%FS \$0.2%FS \$0.2%FS \$0.2%FS \$1%FS \$1%FS \$1%FS \$1%FS \$1%		Voltage	10mV	10mV	10mV		
Resolution Power 1W 1W 1W Readback Resolution Voltage 10mV 10mV 10mV Readback Resolution Current 0.1A 0.1A 0.1A 0.001Ω Resolution Internal Resistance 0.001Ω 0.001Ω 0.001Ω 0.001Ω Accuracy 12Months (25°C±5°C) Voltage ≤0.1%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS Accuracy 12Months (25°C±5°C) Tolternal Resistance 51%FS ≤1%FS ≤1%FS ≤1%FS Power 51%FS 51%FS ≤1%FS ≤1%FS ≤1%FS Power 51%FS 50.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS Current ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS Current ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS Ripple & Noise (20Hz-2MHz) Differential Mode Voltage \$20mVp-p and 16mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms Dynamic Recovery Time (50%-100%Load) \$0.5%FS <0.5%FS	Settina	Current	0.1A	0.1A	0.1A		
Voltage 10mV 10mV 10mV 10mV 10mV Readback Current 0.1A 0.1A 0.1A 0.1A 0.1A 0.1A 0.1A 0.1A 0.0DΩ 0.001Ω 0.001	•	Power	1W	1W	1W		
Readback Resolution Current Power 1 M		Internal Resistance	0.001Ω	0.001Ω	0.001Ω		
Resolution Power 1W 1W 1W Internal Resistance 0.001Ω 0.001Ω 0.001Ω Setpoint Accuracy 12Months (25°€±5°€) Voltage ≤0.1%FS ≤0.2%FS ≤0.2%FS 12Months (25°€±5°€) Power ≤1%FS ≤1%FS ≤1%FS Power ≤1% of maximum resistance ±1% of maximum current ±1%FS ≤0.2%FS Readback Accuracy 12Months (25°€±5°€) Current ≤0.2%FS ≤0.2%FS ≤0.2%FS Power ≤1%FS ≤1%FS ≤1%FS ≤1%FS 12Months (25°€±5°€) Power ≤1%FS ≤1%FS ≤1%FS (25°€±5°€) Internal Resistance ≤1%FS ≤1%FS ≤1%FS (25°€±5°€) Internal Resistance ≤1% of maximum resistance ±1% of maximum current ≤1%FS ≤1%FS Ripple & Noise (20Hz-2MHz) Differential Mode Voltage ≤200mVp-p and 16mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms Dynamic Recovery (50%-100%Load) ≤1.5ms ≤1.5ms ≤160mArms ≤240mArms Dynamic Resistance (50%-100%Load) ≤0.5%FS		Voltage	10mV	10mV	10mV		
Internal Resistance No No No No No No No N	Readback	Current	0.1A	0.1A	0.1A		
Voltage	Resolution	Power	1W	1W	1W		
Setpoint Accuracy 12Months (25°C±5°C) Current ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤1%FS ≤0.2%FS		Internal Resistance	0.001Ω	0.001Ω	0.001Ω		
12Months (25°C±5°C)		Voltage	≤0.1%FS	≤0.1%FS	≤0.1%FS		
(25°C±5°C) Power ≤1%FS ≤1%FS ≤1%FS Internal Resistance ≤1% of maximum resistance ±1% of maximum current ✓ ✓ Readback Accuracy Voltage ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS 12Months (25°C±5°C) Power ≤1%FS ≤1%FS ≤1%FS ≤1%FS Ripple & Noise (20Hz-2MHz) Differential Mode Voltage ≤200mVp-p and 16mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms Dynamic Recovery Time (50%-100%Load) ≤80mArms ≤160mArms ≤240mArms Remote Sensor Compensation ≤0.5%FS ≤4.5mS ≤40mArms Power Supply Conversion Efficiency ≤93% ≤93% Energy Feedback Efficiency ≤93% ≤93% Volume & Weight Overall Dimension (WXHxD)mm 483×133×793.5 ≤5,5kg 32.5kg		Current	≤0.2%FS	≤0.2%FS	≤0.2%FS		
Readback Accuracy Accuracy 12Months (25°C±5°C) Current So.2%FS So.2%F		Power	≤1%FS	≤1%FS	≤1%FS		
Readback Accuracy Accuracy 12Months (25°C±5°C) Current Solution ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤1%FS ≤20mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤240mArms ≤255m ≤250mVp-p and 25mVrms ≤240mArms ≤240mArms ≤255kg <255kg	,	Internal Resistance	≤1% of maximum resistance ±1% of maximum current				
Accuracy 12Months (25°C±5°C) Current ≤0.2%FS ≤0.2%FS ≤0.2%FS ≤1%FS ≤20mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤320mVp-p and 25mVrms ≤240mArms ≤240mArms ≤240mArms ≤240mArms ≤240mArms ≤93% <t< td=""><td>Doodbook</td><td>Voltage</td><td>≤0.2%FS</td><td>≤0.2%FS</td><td>≤0.2%FS</td></t<>	Doodbook	Voltage	≤0.2%FS	≤0.2%FS	≤0.2%FS		
C25°C±5°C Internal Resistance S1% of maximum resistance S1% of maximum current		Current	≤0.2%FS	≤0.2%FS	≤0.2%FS		
Internal Resistance		Power	≤1%FS	≤1%FS	≤1%FS		
Ripple & Noise (20Hz-2MHz) Differential Mode Current Semonte Sensor Compensation Power Supply Conversion Efficiency Energy Feedback Efficiency Rack Mount (WxHxD) mm Volume & Weight Volume & Weight Weight (net weight) Voltage S200mVp-p and 25mVrms S320mVp-p and 25mVrms S4240mArms S240mArms S240mArms S240mArms S240mArms S240mArms S240mArms S240mArms S432mVp-p and 25mVrms S480mArms S440mArms S440	(25°C±5°C)	Internal Resistance	≤1% of maximum resistance	≤1% of maximum resistance ±1% of maximum current			
Dynamic Recovery Time (50%-100%Load) ≤1.5ms Remote Sensor Compensation ≤0.5%FS Power Supply Conversion Efficiency ≤93% Energy Feedback Efficiency ≤93% Rack Mount (WxHxD) mm 430×133×703.5 Volume & Weight (wxHxD)mm 483×133×793.5 Weight (net weight) 18.5kg 25.5kg 32.5kg	Ripple & Noise		≤200mVp-p and 16mVrms	≤320mVp-p and 25mVrms	≤320mVp-p and 25mVrms		
Semote Sensor Compensation ≤0.5%FS	(20Hz-2MHz)		≤80mArms	≤160mArms	≤240mArms		
Power Supply Conversion Efficiency ≤93% Energy Feedback Efficiency ≤93% Rack Mount (WxHxD) mm 430×133×703.5 Volume & Weight Overall Dimension (WxHxD)mm 483×133×793.5 Weight (net weight) 18.5kg 25.5kg 32.5kg			≤1.5ms				
Energy Feedback Efficiency ≤93% Volume & Weight Rack Mount (WxHxD) mm 430×133×703.5 Volume & Weight Overall Dimension (WxHxD)mm 483×133×793.5 Weight (net weight) 18.5kg 25.5kg 32.5kg	Remote Sensor Compensation		≤0.5%FS				
Rack Mount (WxHxD) mm 430×133×703.5 Volume & Weight Overall Dimension (WxHxD)mm 483×133×793.5 Weight (net weight) 18.5kg 25.5kg 32.5kg	Power Supply Conversion Efficiency		≤93%				
Volume & Weight (WxHxD) mm 430×133×703.5 Volume & Weight Overall Dimension (WxHxD)mm 483×133×793.5 Weight (net weight) 18.5kg 25.5kg 32.5kg	Energy Feedback Efficiency		≤93%				
(WxHxD)mm 463×133×793.5 Weight (net weight) 18.5kg 25.5kg 32.5kg			430×133×703.5				
	Volume & Weight		483×133×793.5				
Power Supply 342VAC-528VAC, 44-66Hz		Weight (net weight)	18.5kg	25.5kg	32.5kg		
	Power Supply		342VAC-528VAC, 44-66Hz	7			

III. TH6600P Series Programmable DC Power Supply

		T	T. 1000000 110 10	T. 1000000 0.10 1.5	
Model	_	TH66200P-70-05	TH66200P-140-10	TH66200P-210-15	
	Power	0-5kW	0-10kW	0-15kW	
Rated Output	Voltage	0-200V	0-200V	0-200V	
(Power Mode)	Current	0-70A	0-140A	0-210A	
	Internal Resistance	0.1-150Ω	0.05-75Ω	0.033-50Ω	
	Voltage	≤0.05% FS	≤0.05% FS	≤0.05% FS	
Load Regulation*1	Current	≤0.15% FS	≤0.15% FS	≤0.15% FS	
	Power	≤0.75% FS	≤0.75% FS	≤0.75% FS	
	Voltage	≤0.02% FS	≤0.02% FS	≤0.02% FS	
Power Regulation*2	Current	≤0.05% FS	≤0.05% FS	≤0.05% FS	
	Power	≤0.05% FS	≤0.05% FS	≤0.05% FS	
	Voltage	10mV	10mV	10mV	
Minimum resolution of setpoint	Current	0.01A	0.01A	0.01A	
willimum resolution of setpoint	Power	1W	1W	1W	
	Internal Resistance	0.01Ω	0.01Ω	0.01Ω	
	Voltage	10mV	10mV	10mV	
Minimum resolution of readback	Current	0.01A	0.01A	0.01A	
value	Power	1W	1W	1W	
	Internal Resistance	0.0001Ω	0.0001Ω	0.0001Ω	
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS	
Setpoint accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS	
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS	
	Internal Resistance	≤1% of maximum resistance ±1% of maximum current			
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS	
Readback accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS	
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS	
	Internal Resistance	≤1% of maximum resistance ±1% of maximum current		rent	
Ripple & Noise	Differential Mode Voltage	≤320mVp-p and 45mVrms	≤320mVp-p and 45mVrms	≤320mVp-p and 45mVrms	
(20Hz-2MHz)	Differential Mode Current	≤22mArms	≤44mArms	≤66mArms	
Dynamic recovery time (50%-100% Load)		≤1.5ms			
Remote Sensor Compensation		≤5% FS			
Power Supply Conversion Efficient	ency	≤93%			
Rack Mount(WxHxD)mm		430×133×703.5			
Volume & Weight	Overall Dimension (WxHxD)mm	483×133×793.5			
	Weight (net weight)	18.5kg	25.5kg	32.5kg	
Power Supply		342VAC-528VAC, 44-66Hz			

 $^{^{\}ast}1$ 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.

III. TH6600P Series Programmable DC Power Supply

Model		TH66360P-40-05	TH66360P-80-10	TH66360P-120-15		
	Power	0-5kW	0-10kW	0-15kW		
Rated Output	Voltage	0-360V	0-360V	0-360V		
(Power Mode)	Current	0-40A	0-80A	0-120A		
	Internal Resistance	0.3-520Ω	0.15-260Ω	0.1-180Ω		
	Voltage	≤0.05% FS	≤0.05% FS	≤0.05% FS		
Load Regulation*1	Current	≤0.15% FS	≤0.15% FS	≤0.15% FS		
	Power	≤0.75% FS	≤0.75% FS	≤0.75% FS		
	Voltage	≤0.02% FS	≤0.02% FS	≤0.02% FS		
Power Regulation*2	Current	≤0.05% FS	≤0.05% FS	≤0.05% FS		
	Power	≤0.05% FS	≤0.05% FS	≤0.05% FS		
	Voltage	10mV	10mV	10mV		
Minimum resolution of	Current	0.01A	0.01A	0.01A		
setpoint	Power	1W	1W	1W		
	Internal Resistance	0.01Ω	0.01Ω	0.01Ω		
	Voltage	10mV	10mV	10mV		
Minimum resolution of	Current	0.01A	0.01A	0.01A		
readback value	Power	1W	1W	1W		
	Internal Resistance	0.0001Ω	0.0001Ω	0.0001Ω		
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS		
Setpoint accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS		
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS		
	Internal Resistance	≤1% of maximum resistance ±1% of maximum current				
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS		
Readback accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS		
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS		
	Internal Resistance	≤1% of maximum resi	≤1% of maximum resistance ±1% of maximum current			
	Differential Mode	≤320mVp-p and	≤320mVp-p and	≤320mVp-p and		
Ripple & Noise	Voltage	55mVrms	55mVrms	55mVrms		
(20Hz-2MHz)	Differential Mode Current	≤18mArms	≤35mArms	≤50mArms		
Dynamic recovery time (50%-100%Load)		≤1.5ms				
Remote Sensor Compensation		≤5% FS				
Power Supply Conversion Efficiency		≤93%				
Energy Feedback Efficiency		≤93%				
	Rack Mount (WxHxD)mm	430×133×703.5				
Volume & Weight	Overall Dimension (WxHxD)mm	483×133×793.5				
	Weight (net weight)	18.5kg	25.5kg	32.5kg		
Power Supply		342VAC-528VAC, 44	-66Hz			

III. TH6600P Series Programmable DC Power Supply

Model		TH66500P-30-05	TH66500P-60-10	TH66500P-90-15	
	Power	0-5kW	0-10kW	0-15kW	
Rated Output	Voltage	0-500V	0-500V	0-500V	
(Power Mode)	Current	0-30A	0-60A	0-90A	
	Internal Resistance	0.5-1000Ω	0.25-500Ω	0.16-340Ω	
	Voltage	≤0.05% FS	≤0.05% FS	≤0.05% FS	
Load Regulation*1	Current	≤0.15% FS	≤0.15% FS	≤0.15% FS	
	Power	≤0.75% FS	≤0.75% FS	≤0.75% FS	
	Voltage	≤0.02% FS	≤0.02% FS	≤0.02% FS	
Power Regulation*2	Current	≤0.05% FS	≤0.05% FS	≤0.05% FS	
	Power	≤0.05% FS	≤0.05% FS	≤0.05% FS	
	Voltage	10mV	10mV	10mV	
Minimum resolution of	Current	0.01A	0.01A	0.01A	
setpoint	Power	1W	1W	1W	
	Internal Resistance	0.01Ω	0.01Ω	0.01Ω	
	Voltage	10mV	10mV	10mV	
Minimum resolution of	Current	0.01A	0.01A	0.01A	
readback value	Power	1W	1W	1W	
	Internal Resistance	0.0001Ω	0.0001Ω	0.0001Ω	
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS	
Setpoint accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS	
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS	
	Internal Resistance	≤1% of maximum resis	≤1% of maximum resistance ±1% of maximum current		
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS	
Readback accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS	
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS	
	Internal Resistance	≤1% of maximum resistance ±1% of maximum current			
Ripple & Noise	Differential Mode Voltage	≤350mVp-p and 70mVrms	≤350mVp-p and 70mVrms	≤350mVp-p and 70mVrms	
(20Hz-2MHz)	Differential Mode Current	≤16mArms	≤32mArms	≤48mArms	
Dynamic recovery time (50%-100%Load)		≤1.5ms	'		
Remote Sensor Compensation		≤5%			
Power Supply Conversion Efficiency		≤93%			
	Rack Mount (WxHxD)mm	430×133×703.5			
Volume & Weight	Overall Dimension (WxHxD)mm	483×133×793.5			
	Weight (net weight)	18.5kg	25.5kg	32.5kg	
Power Supply		342VAC-528VAC, 44	-66Hz		

III. TH6600P Series Programmable DC Power Supply

Model		TH66750P-20-05	TH66750P-40-10	TH66750P-60-15
	Power	0-5kW	0-10kW	0-15kW
Rated Output	Voltage	0-750V	0-750V	0-750V
(Power Mode)	Current	0-20A	0-40A	0-60A
	Internal Resistance	1.2-2200Ω	0.6-1100Ω	0.4-740Ω
	Voltage	≤0.05% FS	≤0.05% FS	≤0.05% FS
Load Regulation*1	Current	≤0.15% FS	≤0.15% FS	≤0.15% FS
	Power	≤0.75% FS	≤0.75% FS	≤0.75% FS
	Voltage	≤0.02% FS	≤0.02% FS	≤0.02% FS
Power Regulation*2	Current	≤0.05% FS	≤0.05% FS	≤0.05% FS
	Power	≤0.05% FS	≤0.05% FS	≤0.05% FS
	Voltage	10mV	10mV	10mV
Minimum resolution of	Current	0.01A	0.01A	0.01A
setpoint	Power	1W	1W	1W
	Internal Resistance	0.01Ω	0.01Ω	0.01Ω
	Voltage	10mV	10mV	10mV
Minimum resolution of	Current	0.01A	0.01A	0.01A
readback value	Power	1W	1W	1W
	Internal Resistance	0.0001Ω	0.0001Ω	0.0001Ω
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS
Setpoint accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS
	Internal Resistance	≤1% of maximum resistance ±1% of maximum current		
	Voltage	≤0.1% FS	≤0.1% FS	≤0.1% FS
Readback accuracy	Current	≤0.2% FS	≤0.2% FS	≤0.2% FS
12Months (25°C±5°C)	Power	≤1% FS	≤1% FS	≤1% FS
	Internal Resistance	≤1% of maximum resistance ±1% of maximum current		
Ripple & Noise	Differential Mode Voltage	≤800mVp-p and 200mVrms	≤800mVp-p and 200mVrms	≤800mVp-p and 200mVrms
(20Hz-2MHz)	Differential Mode Current	≤16mArms	≤32mArms	≤48mArms
Dynamic recovery time (50%-100%Load)		≤1.5ms		
Remote Sensor Compensation		≤5%		
Power Supply Conversion Efficiency		≤93%		
Rack Mount(WxHxD)mm		430×133×703.5		
Volume & Weight	Overall Dimension (WxHxD)mm	483×133×793.5		
	Weight (net weight)	18.5kg	25.5kg	32.5kg
Power Supply		342VAC-528VAC, 44-		

III. TH6600P Series Programmable DC Power Supply

- -			
Model		TH661000P-40-15	TH661500P-40-15
	Power	0-15kW	0-15kW
Rated Output	Voltage	0-1000V	0-1500V
(Power Mode)	Current	0-40A	0-30A
	Internal Resistance	0.8-1300Ω	2.5-3000 Ω
	Voltage	≤0.05% FS	≤0.05% FS
Load Regulation*1	Current	≤0.15% FS	≤0.15% FS
	Power	≤0.75% FS	≤0.75% FS
	Voltage	≤0.02% FS	≤0.02% FS
Power Regulation*2	Current	≤0.05% FS	≤0.05% FS
	Power	≤0.05% FS	≤0.05% FS
	Voltage	10mV	10mV
Minimum resolution of	Current	0.01A	0.01A
setpoint	Power	1W	1W
	Internal Resistance	0.01Ω	0.01Ω
	Voltage	10mV	10mV
Minimum resolution of	Current	0.01A	0.01A
readback value	Power	1W	1W
	Internal Resistance	0.0001Ω	0.0001Ω
	Voltage	≤0.1% FS	≤0.1% FS
	Current	≤0.2% FS	≤0.2% FS
Setpoint accuracy	Power	≤1% FS	≤1% FS
12Months (25°C±5°C)	Internal Resistance	≤1% of maximum resistance ±1% of	≤1% of maximum resistance ±1% of
		maximum current	maximum current
	Voltage	≤0.1% FS	≤0.1% FS
Readback accuracy	Current	≤0.2% FS	≤0.2% FS
12Months (25°C±5°C)	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	Differential Mode Voltage	≤1600mVp-p and 300mVrms	≤2400mVp-p and 400mVrms
(20Hz-2MHz)	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%
	Rack Mount (WxHxD)mm	430×133×703.5	430×133×703.5
Volume & Weight	Overall Dimension (WxHxD)mm	483×133×793.5	483×133×793.5
	Weight (net weight)	32.5kg	32.5kg
Power Supply		342VAC-528VAC, 44-66Hz	342VAC-528VAC, 44-66Hz