

IT6700H High Voltage Wide Range Programmable DC Power Supply



IT6700H high voltage DC power supply support maximum output power 3000W, voltage up to 1200V. IT6700H series provide list mode, built-in RS232 / USB communication interfaces, rich SCPI protocol to facilitate the configuration of a variety of intelligent test platforms.

Applications

Battery fluctuation simulation test, battery charger, high voltage ultra-high speed diode, electrolytic capacitor, electromechanical control field and ATE test system

Feature

- Voltage up to 1200V
- VFD display
- High voltage high current models optional
- Output control via ON/OFF switch
- Safety terminal
- List mode, editable waveforms of voltage and current
- Remote sense
- Built-in RS232/USB *1

Battery fluctuation simulation test

Battery charging needs high-precision voltage and stable current output to simulate the battery charge and discharge process. IT6700H series can accurately describes the battery charge and discharge process, which is applied in areas need high voltage and low flow direct current, such as battery fluctuation simulation tests, battery chargers, high voltage ultra-high speed diodes, electrolytic capacitors, electromechanical control, and ATE test systems, etc.

Model	Voltage	Current	Power	Size
IT6722	80V	20A	400W	1/2 2U
IT6722A	80V	20A	400W	1/2 2U
IT6723	80V	40A	850W	1/2 2U
IT6723B	150V	20A	850W	1/2 2U
IT6723C	32V	110A	850W	1/2 2U
IT6723G	600V	5A	850W	1/2 2U
IT6723H	300V	10A	850W	1/2 2U
IT6724	80V	40A	1500W	1/2 2U
IT6724B	150V	20A	1500W	1/2 2U
IT6724C	32V	110A	1500W	1/2 2U
IT6724G	600V	5A	1500W	1/2 2U
IT6724H	300V	10A	1500W	1/2 2U
IT6726B	160V	40A	3kW	2U
IT6726C	32V	220A	3kW	2U
IT6726G	600V	10A	3kW	2U
IT6726H	300V	20A	3kW	2U
IT6726V	1200V	5A	3kW	2U

Small size abundant functions, more flexible

IT6700H is with small size, up to 3000W power with only 1/2 2U. It can be placed in the standard cabinet. Even for benchtop usage, it saves much space.

^{*1:}IT6722 is with GPIB interface.

^{*2:}For any GPIB interface option request, check with ITECH for availability.



Voltage up to 1200V, reasonable design makes high voltage test more secure

IT6700H series supports voltage up to 1200V. High voltage is the basic requirement to the power supply in the fields of LED, battery, DC / DC converters and other industries. Except for mentioned industries above, IT6700H high voltage DC power supply series can also meet ultra-high voltage requirements of the special tests. Engineers always have concerns on the safety of high voltage testing. ITECH is with the design of security terminals and other details to ensure the safety of the test.

Ultra wide range design

The maximum power is not the maximum voltage multiplied by the maximum current. Take one of the models as an example, IT6726H maximum power is 3000W, the maximum voltage and current reach 300V and 20A, a model can replace 2 units or more general power supplies.

IT6700H Specifications

		0.001/	0.001/	0~80V	0.4501/	0.221/	0~600V
Rated output	Voltage	U~6UV	0~80V	0 000	0~150V	0~32V	0 0000
(0~40 °C)	Current	0~20A	0~20A	0~40A	0~20A	0~110A	0~5A
	Power	400W	400W	850W	850W	850W	850W
	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+40mV	≤0.01%+5mV	≤0.01%+100mV
Load regulation	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+10mA
	Voltage	≤0.01%+2.5mV	≤0.01%+2.5mV	≤0.01%+10mV	≤0.01%+30mV	≤0.01%+5mV	≤0.01%+50mV
Line regulation	Current	≤0.1%+2.5mA	≤0.1%+2.5mA	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+10mA
Programming	Voltage	10mV	10mV	10mV	100mV	10mV	100mV
resŏlution	Current	10mA	10mA	10mA	10mA	10mA	10mA
Readback	Voltage	10mV	10mV	10mV	100mV	10mV	100mV
resolution	Current	10mA	10mA	10mA	10mA	10mA	10mA
Programming	Voltage	≤0.01%+20mV	≤0.01%+20mV	≤0.03%+20mV	≤0.03%+100mV	≤0.03%+10mV	≤0.03%+200mV
accuracy	_	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+40mA	≤0.1%+20mA	≤0.1%+60mA	≤0.1%+20mA
Readback		≤0.01%+20mV	≤0.01%+20mV	≤0.03%+20mV	≤0.03%+200mV	≤0.03%+20mV	≤0.03%+200mV
accuracy		≤0.1%+20mA	≤0.1%+20mA	≤0.1%+40mA	≤0.1%+20mA	≤0.1%+60mA	≤0.1%+20mA
		≤50mVp-p	≤50mVp-p	≤100mVp-p	≤150mVp-p	≤100mVp-p	≤300mVp-p
Ribbie	_	≤15mArms	≤15mArms	≤50mArms	≤30mArms	≤150mArms	≤30mArms
	No load	≤300ms	≤300ms	≤300ms	≤300ms	≤300ms	≤300ms
Rise Time	Full load		≤1s	≤500ms	≤1s	≤500ms	≤1s
		≤500ms	≤500ms	≤5s	≤5s	≤5s	≤5s
Fall time		≤300ms	≤300ms	≤150ms	≤200ms	≤150ms	≤200ms
o: ()							
		214.5W×88.2H×354.6D	214.5W×88.2H×354.6D	214.5W×88.2H×445D	214.5W×88.2H×445D	214.5W×88.2H×445D	214.5W×88.2H×445D
, ,							
Size (mm) Weight		2.5KG	2.5KG	6Kg	6Kg	6Kg	6Kg
` ,		2.5KG IT6723H	2.5KG IT6724	6Kg	6Kg	6Kg IT6724G	6Kg IT6724H
Weight							
Weight	Voltage	IT6723H	IT6724	IT6724B	IT6724C	IT6724G	IT6724H
Weight Rated output	Voltage	IT6723H 0~300V	IT6724 0~80V	IT6724B 0~150V	IT6724C 0~32V	IT6724G 0~600V	IT6724H 0~300V
Neight Rated output 0~40 °C)	Voltage Current Power	IT6723H 0~300V 0~10A	IT6724 0~80V 0~40A	IT6724B 0~150V 0~20A	IT6724C 0~32V 0~110A	IT6724G 0~600V 0~5A	IT6724H 0~300V 0~10A
Neight Rated output 0~40 °C)	Voltage Current Power Voltage	IT6723H 0~300V 0~10A 850W	IT6724 0~80V 0~40A 1500W	1T6724B 0~150V 0~20A 1500W	1T6724C 0~32V 0~110A 1500W	1T6724G 0~600V 0~5A 1500W	IT6724H 0~300V 0~10A 1500W
Weight Rated output (0~40 °C) Load regulation	Voltage Current Power Voltage Current	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV	1T6724C 0~32V 0~110A 1500W ≤0.01%+5mV	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV
Weight Rated output 0~40 °C) Load regulation	Voltage Current Power Voltage Current Voltage	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA	1T6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA	1T6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+10mA	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA
Weight Rated output 0~40 °C) Load regulation Line regulation	Voltage Current Power Voltage Current Voltage Current	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mV ≤0.1%+10mA	1T6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+30mV ≤0.1%+10mA	1T6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+5mV ≤0.1%+5mV ≤0.1%+50mA	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA
Neight Rated output (0~40 °C) Load regulation	Voltage Current Power Voltage Current Voltage Current Voltage	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mV ≤0.1%+10mA	1T6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+30mV ≤0.1%+10mA 100mV	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+10mA ≤0.01%+5mV ≤0.1%+50mA 10mV	IT6724G 0~600V 0~5A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV
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Rated output 0~40 °C) Load regulation Programming esolution Readback esolution Programming accuracy Readback accuracy	Voltage Current Power Voltage Current Voltage	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p	IT6724 0~80V 0~40A 1500W ≤0.01%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤150mVp-p	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+5mV ≤0.1%+50mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV
Rated output 0~40 °C) Load regulation Line regulation Programming esolution Readback esolution Programming accuracy Readback esolution Readback esolution	Voltage Current Power Voltage Current	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p ≤50mArms	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.11%+10mA ≤0.01%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+20mV ≤0.1%+20mA ≤150mVp-p ≤30mArms	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.01%+5mV ≤0.1%+50mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p ≤150mArms	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA
Rated output (0~40 °C) Load regulation Line regulation Programming resolution Readback resolution Programming accuracy Readback Readback Readback Resolution Readback Resolution	Voltage Current Power Voltage Current Voltage	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms ≤300ms	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p ≤50mArms ≤300ms	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.11%+10mA ≤0.01%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤150mVp-p ≤30mArms ≤300ms	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.11%+50mA ≤0.01%+50mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p ≤150mArms ≤300ms	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤300mVp-p ≤30mArms ≤300ms	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤300mS
Rated output (0~40 °C) Load regulation Line regulation Programming resolution Readback resolution Programming accuracy Readback Readback Readback Resolution Readback Resolution	Voltage Current Power Voltage Current	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p ≤50mArms ≤300ms	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+30mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤150mVp-p ≤30mArms ≤300ms	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+10mA ≤0.01%+5mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p ≤150mArms ≤300ms	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤300mVp-p ≤30mArms ≤300ms ≤1s	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤1.03%+200mV ≤0.1%+20mA ≤1.03%+200mV
Rated output (0~40 °C) Load regulation Line regulation Programming resolution Programming Readback resolution Programming Readback resolution Readback Readback Readback Readback Readback Readback Readback Rise Time	Voltage Current Power Voltage Current No load Full load No load	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA ±0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p ≤50mArms ≤300ms ≤500ms	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+30mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤150mVp-p ≤30mArms ≤300ms ≤1s ≤5s	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+10mA ≤0.01%+5mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p ≤150mArms ≤300ms ≤500ms	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV ≤0.03%+200mV ≤0.03%+200mV ≤0.1%+20mA ≤300mVp-p ≤30mArms ≤300ms ≤1s ≤5s	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s ≤5s
Rated output (0~40 °C) Load regulation Line regulation Programming resolution Programming accuracy Readback accuracy Ripple Rise Time Fall time	Voltage Current Power Voltage Current No load Full load No load	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA ±0.03%+200mV ≤0.1%+20mA ≤0.03%+20mV ≤0.1%+20mA ≤10.03%+200mV ≤1.1%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s ≤5s ≤150ms	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p ≤50mArms ≤300ms ≤55 ≤150ms	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+30mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤150mVp-p ≤30mArms ≤300ms ≤1s ≤5s ≤200ms	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+10mA ≤0.01%+5mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p ≤150mArms ≤300ms	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤300mVp-p ≤30mArms ≤300ms ≤1s	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤1.03%+200mV ≤1.04%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s
` ,	Voltage Current Power Voltage Current No load Full load No load	IT6723H 0~300V 0~10A 850W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA ±0.03%+200mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s	IT6724 0~80V 0~40A 1500W ≤0.01%+10mV ≤0.1%+10mA ≤0.01%+10mA 10mV 10mA 10mV 10mA ≤0.03%+20mV ≤0.1%+40mA ≤100mVp-p ≤50mArms ≤300ms ≤500ms	IT6724B 0~150V 0~20A 1500W ≤0.01%+40mV ≤0.1%+10mA ≤0.01%+30mV ≤0.1%+10mA 100mV 10mA 100mV 10mA ≤0.03%+100mV ≤0.1%+20mA ≤0.03%+200mV ≤0.1%+20mA ≤150mVp-p ≤30mArms ≤300ms ≤1s ≤5s	IT6724C 0~32V 0~110A 1500W ≤0.01%+5mV ≤0.1%+10mA ≤0.01%+5mA 10mV 10mA 10mV 10mA ≤0.03%+10mV ≤0.1%+60mA ≤0.03%+20mV ≤0.1%+60mA ≤100mVp-p ≤150mArms ≤300ms ≤500ms	IT6724G 0~600V 0~5A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV ≤0.1%+10mA 100mV 10mA 100mV ≤0.03%+200mV ≤0.03%+200mV ≤0.1%+20mA ≤300mVp-p ≤30mArms ≤300ms ≤1s ≤5s	IT6724H 0~300V 0~10A 1500W ≤0.01%+100mV ≤0.1%+10mA ≤0.01%+50mV 100mV 10mA 100mV 10mA ≤0.03%+200mV ≤0.1%+20mA ≤250mVp-p ≤40mArms ≤300ms ≤1s ≤5s

^{*} AC power input level Working voltage for IT6723/IT6723B/IT6723C/IT6723G/IT6723H is 110V and 220V; Working voltage for IT6722/IT6722A/IT6724B/IT6724B/IT6724C/IT6724H/IT6726H/IT6724G/IT6724V/IT6726B/IT6726B/IT6726C is 220V, so please pay attention to the working input voltage.

^{*} AC power input level: Option Opt.01: 220VAC \pm 10%, 47 to 63 Hz Option Opt.02: 110 VAC \pm 10%, 47 to 63 Hz

^{*} This information is subject to change without notice

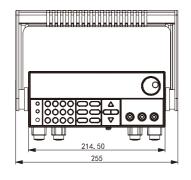
IT6700H High Voltage Wide Range Programmable DC Power Supply

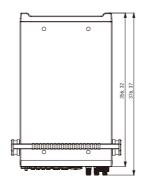


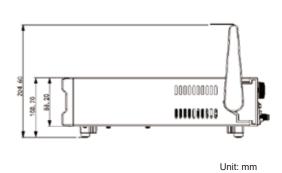
		IT6726B	IT6726G	IT6726H	IT6726V	IT6726C
Rated output	Voltage	160V	0~600V	0~300V	0~1200V	0~32V
0~40 °C)	Current	40A	0~10A	0~20A	0~5A	0~220A
	Power	3000W	3000W	3000W	3000W	3000W
Load regulation	Voltage	≤0.01%+50mV	≤0.01%+100mV	≤0.02%+200mV	≤0.01%+200mV	≤0.01%+50mV
	Current	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+20mA	≤0.1%+30mA
	Voltage	≤0.01%+40mV	≤0.01%+50mV	≤0.01%+50mV	≤0.01%+100mV	≤0.01%+50mV
ine regulation	Current	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+10mA	≤0.1%+20mA	≤0.1%+10mA
Programming	Voltage	100mV	100mV	100mV	100mV	10mV
esolution	Current	10mA	10mA	10mA	10mA	10mA
Readback resolution	Voltage	100mV	100mV	100mV	100mV	10mV
	Current	10mA	10mA	10mA	10mA	10mA
Programming	Voltage	≤0.03%+200mV	≤0.03%+200mV	≤0.03%+200mV	≤0.04%+400mV	≤0.03%+30mV
accuracy	Current	≤0.1%+40mA	≤0.1%+20mA	≤0.1%+30mA	≤0.1%+20mA	≤0.2%+100mA
Readback	Voltage	≤0.03%+200mV	≤0.03%+200mV	≤0.03%+200mV	≤0.04%+400mV	≤0.03%+30mV
accuracy	Current	≤0.1%+40mA	≤0.1%+20mA	≤0.1%+30mA	≤0.1%+20mA	≤0.2%+100mA
Ripple	Voltage	≤250mVp-p	≤200mVp-p	≤300mVp-p	≤600mVp-p	≤200mVp-p
Прріс	Current	≤50mArms	≤50mArms	≤50mArms	≤50mArms	≤320mArms
Rise Time	No load	≤500mS	≤500mS	≤500mS	≤500mS	≤500mS
	Full load	≤2S	≤2S	≤2S	≤2S	≤2S
Fall time	No load	≤10S	≤10S	≤10S	≤10S	≤10S
raii iiiie	Full load	≤400mS	≤400mS	≤400mS	≤400mS	≤400mS
Size (mm)			482.5W×88.2H×548.	9D		
Weight		16Kg	16Kg	16Kg	16Kg	16Kg

^{*}This information is subject to change without notice

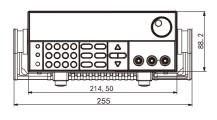
IT6722/IT6722ADimension figure

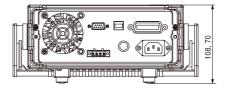


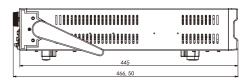




IT6723H/IT6724H/T6723GDimension figure







Unit: mm