



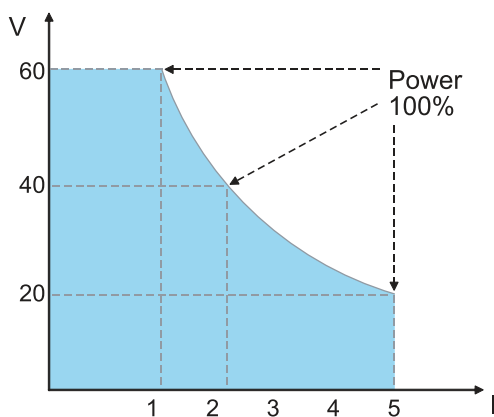
IT6700

IT6720 Digital Control Power Supply

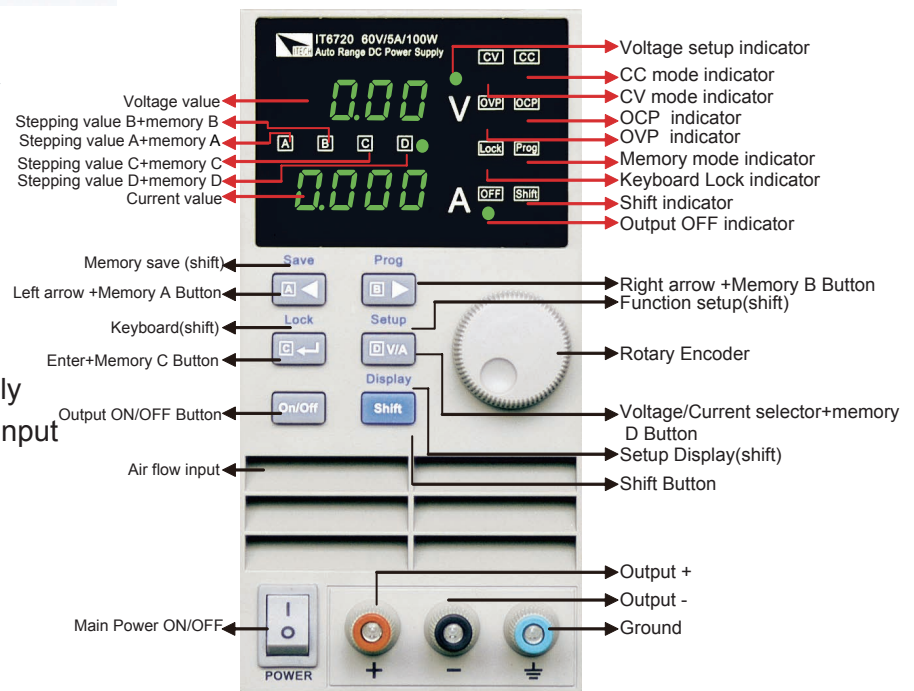
IT6720 have the widest voltage and current utilization. ITECH introduces the digital-control DC power supply with the highest power ratio in the field, which have the widest voltage and current utilization and greatly widen the range of application. With the capacity of 100W, voltage output of 60V, current output of 5A , they can control the change rates of the voltage and current automatically. The power ratio can be up to 3 times . One IT6720 can substitute previous 60V*1.6A/32V*3A/ 20V*5A 3 kinds of models to save your cost .

Features

- Completely digital-control
- 10mV/1mA high accuracy and resolution
- Low ripple and noise
- CC/CV modes
- Minimum size to save space
- Highlight LED display
- High stability OCP/OVP/OTP protection
- Most economic digital-control power supply
- Full scale 60V/5A , resolution10mV/1mA , input no need to switch
- Switch control for output



IT6720 I-V curve graph



Panel Layout

Flexible voltage and current configuration make you complete 100% power output as long as voltage above 20V.



		IT6720	IT6721
Output Rating	Voltage	0 - 60 V	0 - 60 V
	Current	0 - 5 A	0 - 8 A
	Power	100 W	180 W
Load Regulation	Voltage	< 0.01 % + 3 mV	< 0.01 % + 5 mV
	Current	< 0.01 % + 3 mA	< 0.01 % + 5 mA
Line Regulation	Voltage	< 0.01 % + 3 mV	< 0.01 % + 5 mV
	Current	< 0.1 % + 3 mA	< 0.1 % + 5 mA
Programming Accuracy	Voltage	< 0.05 % + 10 mV	< 0.05 % + 10 mV
	Current	< 0.2 % + 2 mA	< 0.3 % + 5 mA
Read back Accuracy	Voltage	< 0.05 % + 10 mV	< 0.05 % + 10 mV
	Current	< 0.1 % + 2 mA	< 0.3 % + 5 mA
Ripple	Voltage	2 mVrms	2.5 mVrms
	Current	3 mArms	3.5 mArms
Dimension	W*H*D	88 * 175 * 282	88 * 175 * 282
Weight	Net	2.5 Kg	3.5 Kg



IT6720 60V/5A/100W
IT6721 60V/8A/180W



IT-E152 19" Rack Mount Diagram