

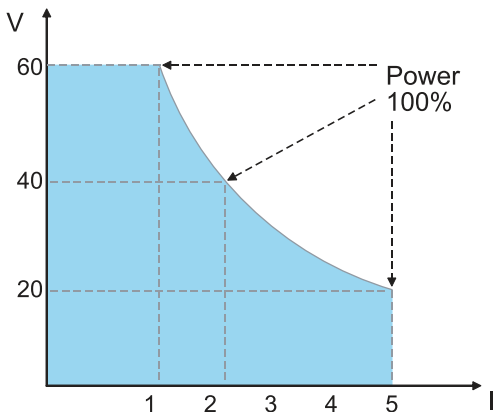


IT6720—The most economic power supply with high-performance

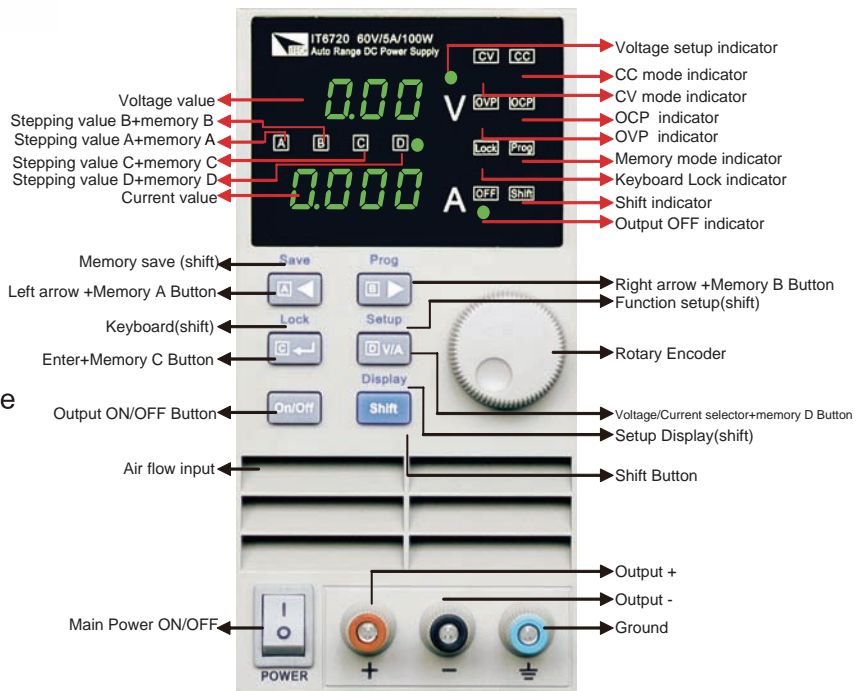
IT6720 have the widest voltage and current utilization.
ITECH introduces the digital-control DC power supply with the highest power ratio in the field, which have the widest voltage and current utilization and greatly widen the range of application. With the capacity of 100W, voltage output of 60V, current 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 .

Feature

- 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 high-performance power supply
- Full scale 60V/5A , resolution 10mV/1mA , no need to switch
- On/off controlling



IT6720 I-V curve graph



Panel Layout

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



Specs

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



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



Rear panel of IT6720/6721



IT-E152 19" rack mount diagram