

Product Datasheet - Technical Specifications



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IT6700 DC Power Supply



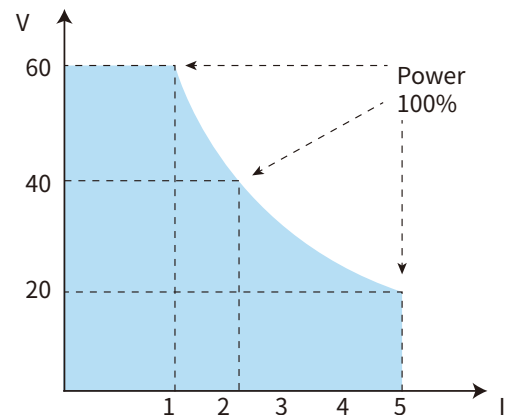
Applications

Laboratory, aging, school, production line inspection, etc.

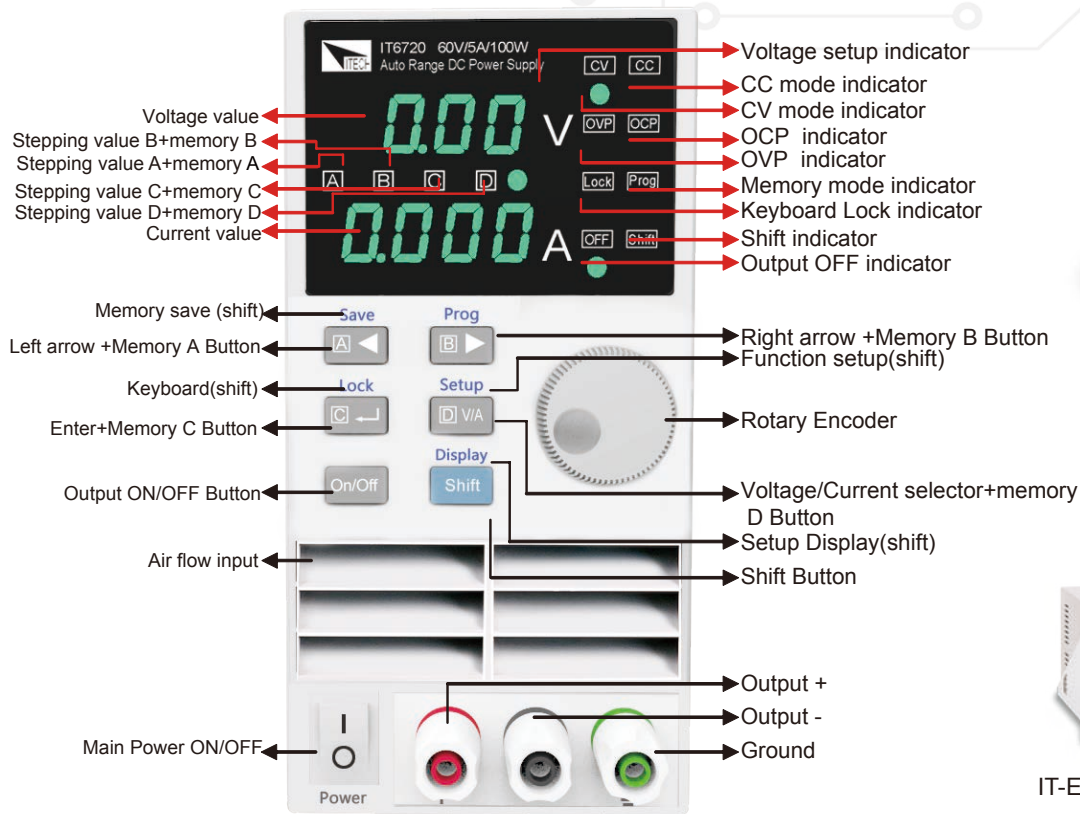
With widest voltage and current range, IT6700 digital DC power supplies are applied in many fields. Take IT6720 for example, with max power 100W and output adjustable in 60V/5A, auto control voltage/current slew rate, power rate up to three times rapid than other similar products, a unit can replace three models (60V*1.6A/ 32V*3A/ 20V*5A), reduce duplication of investment.

Feature

- Completely digital-control
- 10mV/1mA high accuracy and resolution
- Lower noise and ripple
- CV/CC modes
- Minimum size to save space
- Bright and easy to read display (VFD)
- OCP/OVP/OTP protection
- The most economical high performance digital-control power supply
- Full scale 60V/5A, resolution 10mV/1mA, no need to switch
- Switch control for output



IT6720 output curve



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



IT-E152 19" Rack Mount Diagram

IT6700 Specifications

		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
Readback Accuracy	Voltage	<0.05%+10mV	<0.05%+10mV
	Current	<0.2%+2mA	<0.3%+5mA
Ripple	Voltage	2mVrms	5mVrms
	Current	5mA _{rms}	8mA _{rms}
Dimension	W*H*D	88*175*282	88*175*282
Weight	Net	2.5kg	2.5kg

*This information is subject to change without notice.