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Find the *Instek GTL-105* at our website: *Click HERE*

D.C. Power Supply



GPC-1850D/3020D/3030D



GPC-3030DQ

FEATURES

* Four Digital Panel Meters (GPC-3030DQ)
* Triple Output
* Auto Tracking
* Auto Series and Parallel Operation
* Constant Voltage and Constant Current Operation
* Low Ripple and Noise
* Internal Select for Continuous or Dynamic Load
* Overload and Reverse Polarity Protection
* Rotation Speed of the Fan is Controlled by Heatsink Temperature (Only European Specification)(GPC-3030DQ)
* 3 1/2 Digits 0.39" LED Display(GPC-3030DQ)
* 3 1/2 Digits 0.5" LED Display(GPC-1850D/3020D/3030D)
* 5V, 3A Fixed Output

SPECIFICATIONS

OPERATION MODE

Independent	Two independent outputs and 5V fixed output Output from 0 to rating volts and 0 to rating amperes
Series	Output from 0 to ±rating volts at rating amperes each Output from 0 to double rating volts at rating amperes
Parallel	Output from 0 to double rating amperes at rating volts

5V FIXED OUTPUT

Regulation	Line regulation≤5mV Load regulation≤10mV
Ripple & Noise	≤2mVrms
Voltage Accuracy	5V±0.25V
Output Current	3A

TRACKING OPERATION

Tracking Error	≤0.5% + 10mV of the master
Series Regulation	≤300mV

CONSTANT VOLTAGE OPERATION

Regulation	Line regulation ≤0.01% + 3mV Load regulation≤ 0.01% + 3mV (rating current≤3A) ≤ 0.02% + 5mV (rating current≤10A)
Ripple & Noise	≤1mVrms 5Hz ~ 1MHz
Recovery Time	≤100μS (50% Load change, Minimum load 0.5A)

CONSTANT CURRENT OPERATION

Regulation	Line regulation≤0.2% + 3mA Load regulation≤0.2% + 3mA
Ripple Current	≤3mArms

METER

Digital	3½digits 0.5" LED display 3½digits 0.39" LED display (for GPC-3030DQ) Accuracy±(0.5% of rdg + 2 digits)

INSULATION

Chassis and Terminal	20MΩ or above (DC 500V)
Chassis and AC Cord	30MΩ or above (DC 500V)

POWER SOURCE

AC 100V/120V/220V/240V ±10%, 50/60Hz

ACCESSORIES

Instruction manual x 1 , Power cord x 1
Test lead GTL-105 x 1 (≤3A) , GTL-104 x 2 (≤10A)
European test lead GTL-203 x 1, GTL-204 x 2

DIMENSIONS

255(W) x 145(H) x 346(D) mm

ORDERING INFORMATION

Model		Independent	Series	Parallel	Weight (kg)
GPC-1850D	195W D.C. Power Supply	(0 ~ 18V/0 ~ 5A) x 2 , (5V/3A MAX) x 1	36V 5A	18V 10A	11.5
GPC-3020D	135W D.C. Power Supply	(0 ~ 30V/0 ~ 2A) x 2 , (5V/3A MAX) x 1	60V 2A	30V 4A	11.5
GPC-3030D	195W D.C. Power Supply	(0 ~ 30V/0 ~ 3A) x 2 , (5V/3A MAX) x 1	60V 3A	30V 6A	11.5
GPC-3030DQ	195W D.C. Power Supply	(0 ~ 30V/0 ~ 3A) x 2 , (5V/3A MAX) x 1	60V 3A	30V 6A	11.5

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