Specifications in brief

	35 V	18 V	7 V
Constant-voltage source			
Voltage range	0 to 35 V	0 to 18 V	0 to 7 V
Resolution	2.5 mV	2.0 mV	0.5 mV
Deviation of full scale	<0.01%	<0.01%	<0.01%
with ±10% AC supply variation	<0.001%	<0.001%	<0.001%
from 0 to 45°C	<0.005%/°C	<0.005%/°C	<0.005%/°C
with 10 to 90% rated current	0.01%	0.01%	0.01%
Transient recovery time following load variation	75 µs	75 µs	150 µs
Programming time	35 ms	35 ms	35 ms
PARD (V_{rms})	200 µV	200 µV	100 µV

Constant-current source

	35 V	18 V	7 V
Current range	0 to 1 A	0 to 2 A	0 to 5 A
Resolution	0.1 mA	0.2 mA	0.5 mA
Deviation of full scale	<0.02%	<0.02%	<0.02%
with ±10% AC supply variation	<0.002%	<0.002%	<0.002%
from 0 to 45°C	<0.01%/°C	<0.01%/°C	<0.01%/°C
with 10 to 90% rated voltage	0.02%	0.02%	0.02%
Transient recovery time following load variation	10 ms	10 ms	5 ms
Programming time	60 ms	60 ms	60 ms
PARD (I_{rms})	20 µA	20 µA	100 µA

Display

Voltage measurement	0 to 40 V	0 to 32.7660 V	0 to 8 V
Resolution	2.5 mV	2.0 mV	0.5 mV
Deviation of full scale	<0.01%	<0.01%	<0.01%
from 0 to 45°C	<0.005%/°C	<0.005%/°C	<0.005%/°C
Measurement rate	2 per s	2 per s	2 per s

Current measurement

Current measurement	0 to 1 A	0 to 3,2766 A	0 to 5 A
Resolution	0.1 mA	0.2 mA	0.5 mA
Deviation of full scale	0.02%	0.02%	0.02%
from 0 to 45°C	<0.01%/°C	<0.01%/°C	<0.01%/°C
Measurement rate	2 per s	2 per s	2 per s

Soft limits

Voltage range	0 to 35 V	0 to 18 V	0 to 7 V
Resolution	2.5 mV	2.0 mV	0.5 mV
Current range	0 to 1 A	0 to 2 A	0 to 5 A
Resolution	0.1 mA	0.2 mA	0.5 mA

Overvoltage protection

Voltage range	1.5 to 40 V	1.5 to 25,55 V	1,5 to 10 V
Resolution	100 mV	50 mV	20 mV
Deviation of full scale	<2%	<2%	<2%
Response time	50 µs	50 µs	50 µs

Voltage variation

Resolution	0.1%	0.1%	0.1%
Range	0 to 35 V	0 to 18 V	0 to 7 V

General data

AC supply	100/120/220/240 V ±10%, 50 to 60 Hz, 350 VA
Dimensions (W x H x D); weight	492 mm x 161 mm x 514 mm; 16 kg

Ordering information

Triple Power Supply		
	NGPT 35	0192.0510.31
	NGPT 18	0192.0510.21
	NGPT 7	0192.0510.71