Specifications in brief

Type	NGPV 8/10	NGPV 20/5	NGPV 20/10	NGPV 40/3	NGPV 40/5	NGPV 100/1	NGPV 100/2	NGPV 300/0.3	NGPV 300/0.6
A1	0 to 7.99 V	0 to 19.99 V		0 to 39.99		0 to 99.9 V		0 to 299.9 V	
A2	10 mV/800	10 mV/2000		10 mV/4000		100 mV/1000		100 mV/300	
A3	$<10^{-3}$	$<10^{-3}$		$<10^{-3}$		$<10^{-3}$		$<10^{-3}$	
B1	0 to 9.99 A	0 to 4.99 A	0 to 9.99 A	0 to 2.99 A	0 to 4.99 A	0 to 0.999 A	0 to 1.99 A	0 to 0.299 A	0 to 0.599 A
B2	10 mA/1000	10 mA/500	10 mA/1000	10 mA/300	10 mA/500	1 mA/1000	10 mA/200	1 mA/300	1 mA/600
B3	$<10^{-3}$	$<2 \times 10^{-3}$	$<10^{-3}$	$<3 \times 10^{-3}$	$<2 \times 10^{-3}$	$<10^{-3}$	$<4 \times 10^{-3}$	$<3 \times 10^{-3}$	$<2 \times 10^{-3}$
B11	0 to 999 mA	0 to 999 mA		0 to 999 mA		0 to 99.9 mA		0 to 99.9 mA	
B12	1 mA	1 mA		1 mA		0.1 mA		0.1 mA	
B13	$<10^{-3}$	$<10^{-3}$		$<10^{-3}$		$<2 \times 10^{-3}$		$<2 \times 10^{-3}$	
C	<200 µV	<250 µV		<400 µV		<600 µV		<900 µV	
D	500 pF/220 µF	500 pF/100 µF	750 pF/220 µF	500 pF/47 µF	750 pF/100 µF	500 pF/22 µF	750 pF/47 µF	500 pF/10 µF	750 pF/22 µF
E	4.5 to 15 V	4.5 to 25 V		4.5 to 50 V		5 to 110 V		5 to 330 V	

Output voltage
A1: setting
A2: resolution (mV/steps)
A3: deviation (of fs)

Output current (A range)
B1: setting
B2: resolution (mA/steps)
B3: deviation (of fs)

Output current (mA range)
B11: setting
B12: resolution (1000 steps)
B13: deviation (of fs)

C: PARD, V_{rms}

D: output C (OFF/ON)

E: overvoltage protection (OVP)

Common data

Constant-voltage source
Deviation of output voltage
- with ±10% AC supply variation: $<10^{-5}$
- between 0 and 50°C: $<2 \times 10^{-5}$/K
- with 10 to 90% load: $<10^{-4}$

Transient recovery time (10 to 90%/90 to 10%): <75 µs (to within $\pm 10^{-3}$)

Constant-current source
Deviation of output current
- with ±10% AC supply variation: $<10^{-5}$
- between 0 and 50°C: $<5 \times 10^{-5}$/K
- with 10 to 90% load: $<10^{-4}$

Transient recovery time, output C OFF/ON: <50 µs/<2 ms

PARD, I_{rms}
- in mA range: 10 µA
- in A range: 100 µA/A

Remote control
Interface functions: IEC 625-1 (IEEE 488)
SH0, AH1, T0, TE0, L1, LE0, SR0, RL1, PP1, DC1, DT1, C0

Setting time (0 to 100%/100 to 0%): <2 ms (to within $\pm 2 \times 10^{-3}$)

Remote sensing: compensation for 1 V per lead

Current monitoring output
mA range: 100 mV ±1% for full scale
A range: 10 mV ±1%/A

General data
Meter accuracy: ±2.5% of fs
AC supply: 110/120/220/240 V ±10%, 47 to 63 Hz

Order No.	192.0310...	192.0326...
Power consumption	approx. 250 VA	approx. 500 VA
Dimensions (W x H x D) in mm	492 x 161 x 392	492 x 161 x 420
Weight	12 kg	19 kg

Ordering information

Type	NGPV 8/10	NGPV 20/5	NGPV 20/10	NGPV 40/3	NGPV 40/5	NGPV 100/1	NGPV 100/2	NGPV 300/0.3	NGPV 300/ 0.6
F1	192.0310.80	192.0310.20	192.0326.20	192.0310.40	192.0326.40	192.0310.10	192.0326.10	192.0310.30	192.0326.30
F2	192.0310.81	192.0310.21	192.0326.21	192.0310.41	192.0326.41	192.0310.11	192.0326.11	192.0310.31	192.0326.31

F1: system version

F2: system and lab version