



NUQ0... 5

NUQ2...-Qcpgcq 00..

Qcpgcq 000.-001.

001/?+1.+1

Qcpgcq 001.E

Qcpgcq 006.Q

Qcpgcq 004.@

006/Q

Qcpgcq 01..

Qcpgcq 007.

Qcpgcq 016.

Ω₆^{AE} α M_y

Q_z .

Q z		Ы	Х Д	Х	Т	6 Т	Д
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						ö ö ö	ö ö



Q z		Ы	Х Д	Х	Т	Б Т	Э
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PWS2000

[illegible]

Series 2220/2230

/



	001.+1.+/* 001.H+1.+/(001.E+1.+/* 001.EH+1.+/(			000.+1.+/* 000.H+1.+/(000.E+1.+/* 000.EH+1.+/(	
Х					
□					
Ы					
6 ŵ O					
AT n+n 5KFx					
AT PKQ 5KFx					
AA PKQ 0. KFx					
т 03 н 3 н '					
□					
ڈ т 03 н 3 н '					
□					
I					
Ů ↓ 7					
V 3					

Series 2220/2230



Series 2220/2230

Model 2231A-30-3



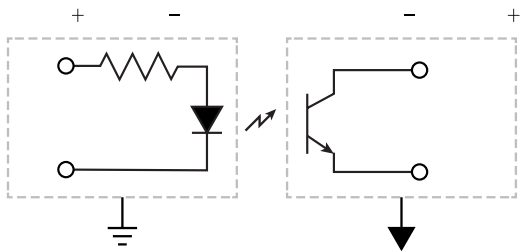
2231A-30-3

	001/?+1.+1		
Χ □			
Χ			
Χ ̂ι			
6 ̂'Ο ̂0.Fx + 0.KFx'			
AT n+n			
AT PKQ			
AA PKQ			
π ̂03ή ϕ 3ή '			
□			
⤴ π ̂03ή ϕ 3ή '			
□			
Ů ↓ ₣			
V Ϸ			

Series 2230G

3

Series 2230G



An abstract geometric pattern featuring a series of horizontal bands in various shades of gray and white. A prominent diagonal line runs from the top left towards the bottom right, intersecting the horizontal bands. The pattern is composed of several rectangular blocks of different sizes and colors, creating a layered, architectural effect. The overall composition is minimalist and modern.

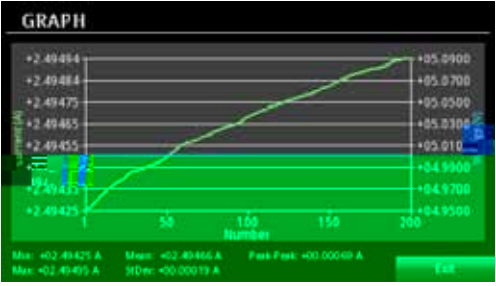
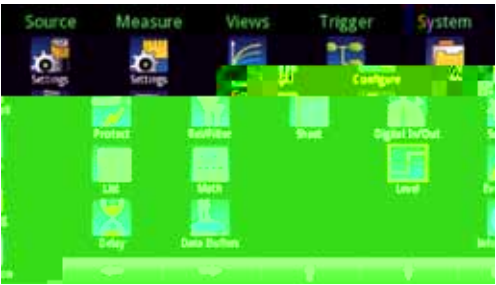
Series 2280S



	006.Q+10+4	006.Q+4.+1
X □		
X		
X 5i		
6 V 'O &0.Fx + 0.KFx'		
AT n+n8 &k T'		
AT PKQ8 &k T'		
AA PKQ8 &k ?'		
л		
□		
Ѓ л		
□		
/?-/? P_lec /.k?-/..k? P_lec	m m	m m
Ѓ h Å 4,3 v		
□	m	
и л а		
δ ѓ а		
□ ' ℃		
□ ' ℃		
к δ ѓ а		m
Ў ↓ ₣		
V ѓ		1/2

Series 2280S

1/2

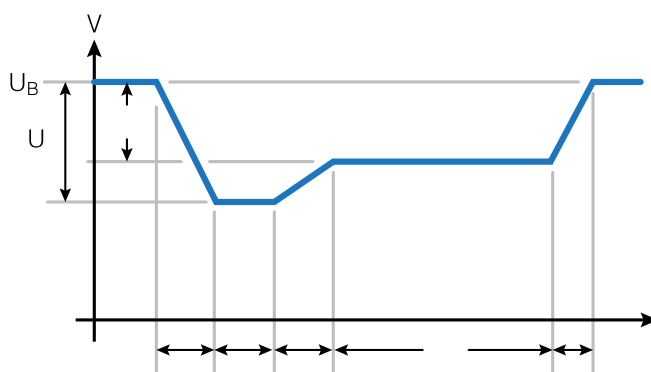


Series 2280S ()

Series 2260B



Series 2260B



2260B

2260B

[illegible]

Model 2281S

Q' z	006/Q+0.+4
X ₁ □	
X ₁	
X ₁ 6i	
6 V' O 0.Fx + 0. KFx'	
AT n+n8 & k T'	
AT PKQ8 & k T'	
AA PKQ8 & k ?'	
т	
□	
5 т	
□	
/?-/.? A	m
/ . k ?-/. . k ? A	m
5 h Ä 4,3 v	
□	m
5 8 ä	
8 3 ä	
□ 5	
8	
□ 5	
8	
к 8 3 ä	m
Ü ↓ 7	
V 3	1/2

Model 2281S - 20 - 6:

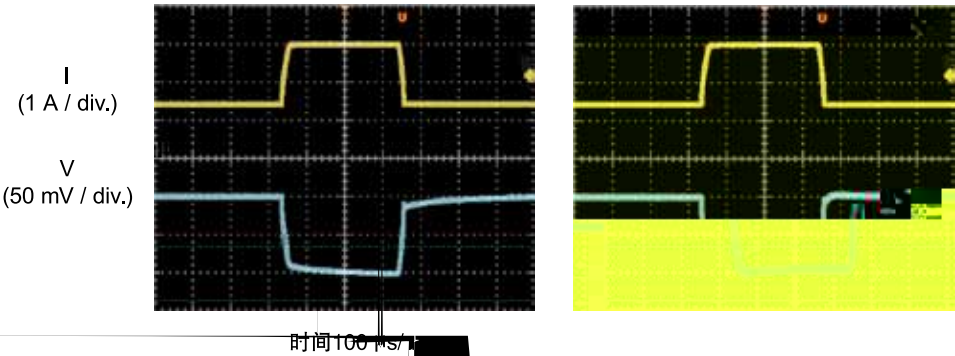
1/2

Series 2300

Series 2300



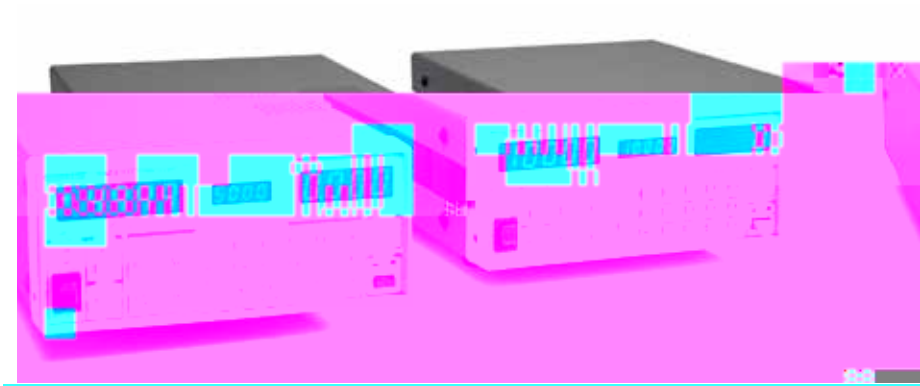
Series 2300



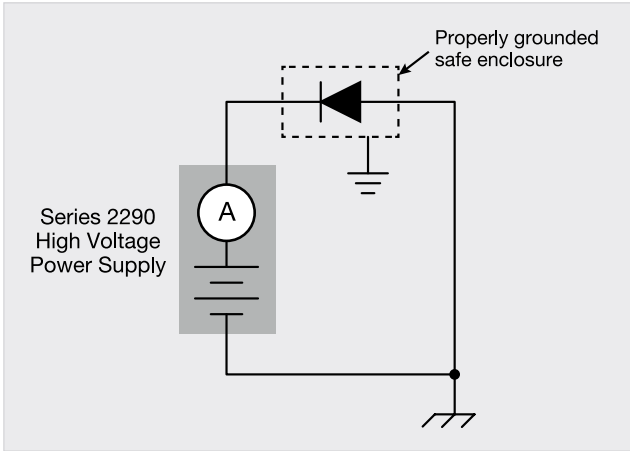
Series 2290

Series 2290

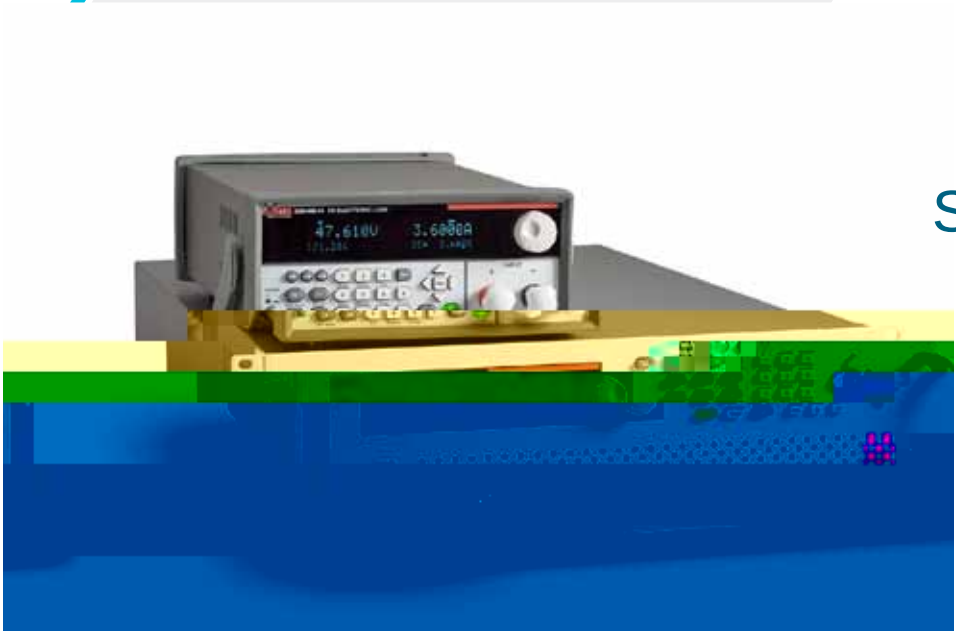
m



Model	2290-5	2290-10
Output Voltage	50 V – 5000 V	100 V – 10,000 V
Output Current	5 mA	1 mA
Output Power	25 W	10 W
Output Ripple	≤3 mV RMS with filter	0.01% of full scale, VRMS
Programming Accuracy		
Voltage	±(0.01% of setting + 2.5 V)	±0.06% of full scale
Current	±(0.01% of setting + 2.5 μA)	±0.5% of full scale
Readback Accuracy		
Voltage	±2 V	±2 V
Current	±2 μA	±2 μA
Readback Resolution		
Voltage	1 V	1 V
Current	1 μA	1 μA
PC Interface	GPI	GPI , RS-232
Size	2U High, Half-rack wide	
Other	Safety interlock for protection of user, analog voltage input for control system applications	



SMU
Model 2290-
PM-200 SMU
SMU



Series 2380
DC

Series 2380



Series 2380 Programmable DC Electronic Loads

Model		2380-500-15/2380J-500-15*	2380-120-60/2380J-120-60*	2380-500-30/2380J-500-3*
Rated Value (0°–40°C)	Input Voltage	0–500 V	0–120 V	0–500 V
	Input Current	0–15 A	0–60 A	0–30 A
	Input Power	200 W	250 W	750 W
Constant Voltage Mode	Range	0.1–500 V	0–120 V	0–500 V
	Resolution	10 mV	10 mV	10 mV
	Accuracy	±(0.05% + 0.025% FS)	±(0.05% + 0.025% FS)	±(0.025% + 0.05% FS)
Constant Current Mode	Range	0–15 A	0–60 A	0–30 A
	Resolution	1 mA	1 mA	1 mA
	Accuracy	±(0.05% + 0.05% FS)	±(0.05% + 0.1% FS)	±(0.05% + 0.05% FS)
Constant Resistance Mode	Range	10 Ω–7.5 kΩ	10 Ω–7.5 kΩ	10 Ω–7.5 kΩ
	Resolution	0.1 Ω	0.1 Ω	0.1 Ω
	Accuracy	±(0.01% + 0.0008 S)	±(0.01% + 0.0008 S)	±(0.01% + 0.0008 S)
Constant Power Mode	Range	200 W	250 W	750 W
	Resolution	10 mW	10 mW	10 mW
	Accuracy	±(0.1% + 0.1% FS)	±(0.2% + 0.2% FS)	±(0.2% + 0.2% FS)
Dynamic Mode				
CC Mode	T1 & T2	20 μs–3600 s; Res: 1 μs	20 μs–3600 s; Res: 1 μs	20 μs–3600 s; Res: 1 μs
	Ascending/Descending Slope	0.001–1 A/μs	0.001–2.5 A/μs	0.001–1 A/μs
	Minimum Rise Time	~10 μs	~20 μs	~20 μs
Measuring Range				
Readback Voltage	Range	0–500 V	0–120 V	0–500 V
	Resolution	10 mV	1 mV	10 mV
	Accuracy	±(0.025% + 0.025% FS)	±(0.025% + 0.025% FS)	±(0.025% + 0.025% FS)
Readback Current	Range	0–15 A	0–60 A	0–30 A
	Resolution	0.1 mA	1 mA	1 mA
	Accuracy	±(0.05% + 0.05% FS)	±(0.05% + 0.1% FS)	±(0.05% + 0.05% FS)
Readback Power	Range	200 W	250 W	750 W
	Resolution	10 mW	10 mW	10 mW
	Accuracy	±(0.1% + 0.1% FS)	±(0.2% + 0.2% FS)	±(0.2% + 0.2% FS)
Communication		US , GPI , RS-232 interfaces		
Size		2U, half-rack width (2380-150-15 and 2380-120-60) 3U, full-rack width (2380-500-30)		
Other		List mode, battery test mode, LED simulated load test mode, current monitor, short circuit test function		

* J-versions are designed for 100VAC nominal input AC line voltage.

