



PW336i Universal Test System

Specifications

Voltage generators

Setting range

4-phase ac (L-N)	4×0~150V
1-phase ac (L-L)	1×0~300V
dc (L-N)	4±0~150V
dc (L-L)	1±0~300V

Power

4-phase ac (L-N)	4×45VA at 150V
3-phase ac (L-N)	3×60VA at 150V
1-phase ac (L-L)	1×100VA at 300V
dc (L-N)	4×40 W at 150 V

Accuracy	error < 0.08 % rd.+0.02 % rg. guar., at 0~150 V
	error < 0.04 % rd.+0.01 % rg. typ., at 0~150 V

Ranges	150V
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Resolution	5mV for 150Vac
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Distortion	< 0.05 % typ., (< 0.1 % guar.)
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Current generators

Setting range

6-phase AC (L-N)	6×0~15A
3-phase AC (2L-N)	3×0~30A
1-phase AC (6L-N)	1×0~90A
dc (L-N)	6×±0~15A
dc (6L-N)	1×±0~90A

Power

6-phase AC (L-N)	6×150VA at 15A
3-phase AC (2L-N)	3×240VA at 30A
1-phase AC (6L-N)	1×450VA at 90A
1-phase AC (L-L)	1×450VA at 30A
Max compliance	
voltage (L-N) (L-L)	15Vpk/32Vpk
dc (L-N)	6×100W at 15A
dc (6L-N)	1×480W at 90A

Accuracy	error < 0.15 % rd.+0.05 % rg. guar., at 0~15A
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Accuracy	error < 0.05 % rd.+0.02 % rg. typ., at 0~15A
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Ranges	15A or 30A
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Resolution	1mA
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Distortion	< 0.05 % typ. (< 0.1 % guar.)
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General

Frequency

Sine signal	DC, 0.001Hz~1000Hz
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Accuracy	±0.3ppm
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Resolution	0.001 Hz
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Phase

Angle range	-360°~+360°
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Accuracy	< 0.05° typ., < 0.1° guar. at 50/60Hz
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Resolution	±0.001°
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Auxiliary dc supply

Voltage range	0~300V
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Power	88W at 110V, 176W at 220V, 120W at 300V
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Accuracy	error < 0.1 % rg. typ. (< 0.5 % rg. guar.)
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Binary inputs

Number	8
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Input characteristics	0~400Vdc threshold or potential free
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Time resolution	50µs
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Max. measuring time	Infinite
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Debounce/Deglintch time	0~25ms
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Counting function	< 3kHz at pulse width>150µs
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Binary outputs, relay

Number	4
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Type	Potential free relay contacts, software controlled
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Break capacity ac	Vmax: 300Vac /Imax: 8A /Pmax: 2000VA
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Break capacity dc	Vmax: 300Vdc /Imax: 8A /Pmax: 150W
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In-built monitoring and recording

Monitoring	currents and voltage outputs
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Recording	analog outputs, binary inputs/outputs status
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Mode	real time monitoring, no external wiring is required
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Recording length	16s
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Power supply

Nominal input voltage	110~240Vac
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Permissible input voltage	90~260Vac
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Nominal frequency	50/60Hz
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Permissible frequency	45~65Hz
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IEC61850 Goose function(Optional)

Interpretation hardware is in-built. Please contact the supplier for options to activate the IEC61850 software support Goose function

Environmental conditions

Operation temperature	0~+50°C
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Storage temperature	-25~+70°C
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Relative humidity	5~95% non - condensing
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EMC(E&I)	EN/IEC 61326-1 EN/IEC 61000-3-2/3 EN/IEC61000-4-2/3/4/5/6/8/11/18
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Environment	EN/IEC 60068-2-1/2/3/6/27
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Safety	EN/IEC 61010-1/1-12-2-030 EN/IEC 60255-25/27
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Others	FCC Part 15:Sub B FCS-001:2006 LVD EU
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Others

PC connection	Ethernet, 10M/100M
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GPS interface	DB9/TTL
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Ground Socket (earth)	4 mm banana socket; front side
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Weight	20kg
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Dimensions (W×H×D)	360mm × 157mm × 367mm
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