



## Voltage generators

### Setting range

6-phase AC (L-N)	6×0~150V
1-phase AC (L-L)	1×0~300V
dc (L-N)	6×±0~150V
dc (L-L)	1×±0~300V

### Power

6-phase AC (L-N)	6×30VA at 150V
3-phase AC (L-N)	3×60VA at 150V
1-phase AC (L-L)	1×100VA at 300V
dc (L-N)	6×40 W at 150 V

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

<b>Ranges</b>	150V
---------------	------

<b>Resolution</b>	5mV for 150Vac
-------------------	----------------

<b>Distortion</b>	< 0.05 % typ., (< 0.1 % guar.)
-------------------	--------------------------------

## Current generators

### Setting range

6-phase AC (L-N)	6×0~20A
3-phase AC (2L-N)	3×0~40A
1-phase AC (6L-N)	1×0~120A
dc (L-N)	6×±0~20A
dc (6L-N)	1×±0~120A

### Power

6-phase AC (L-N)	6×180VA typ., at 20A
	6×150VA guar., at 15A
3-phase AC (2L-N)	3×320VA typ., at 40A
	3×240VA guar., at 30A
1-phase AC (6L-N)	1×600VA typ., at 120A
	1×450VA guar., at 90A

1-phase AC (L-L)	1×450VA typ., at 30A
------------------	----------------------

Max compliance	15Vpk/32Vpk
----------------	-------------

voltage (L-N) (L-L)	15Vpk/32Vpk
---------------------	-------------

dc (L-N)	6×100W at 10A
----------	---------------

dc (6L-N)	1×480W at 60A
-----------	---------------

<b>Accuracy</b>	error < 0.15 % rd.+0.05 % rg. guar., at 0~20 A
	error < 0.08 % rd.+0.02 % rg. typ., at 0~20 A

<b>Ranges</b>	20A or 40A
---------------	------------

<b>Resolution</b>	1mA
-------------------	-----

<b>Distortion</b>	< 0.05 % typ. (< 0.1 % guar.)
-------------------	-------------------------------

# PW466i Universal Test System

## Specifications

### General

#### Frequency

Sine signal	DC, 0.001Hz~1000Hz
-------------	--------------------

Transient signal	DC~10.0 KHz
------------------	-------------

Accuracy	±0.3ppm
----------	---------

Resolution	0.001 Hz
------------	----------

#### Phase

Angle range	-360°~+360°
-------------	-------------

Accuracy	<0.05° typ., <0.1° guar. at 50/60Hz
----------	-------------------------------------

Resolution	±0.001°
------------	---------

### Auxiliary dc supply

Voltage range	0~ 300V
---------------	---------

Power	88W at 110V, 176W at 220V, 120W at 300V
-------	--

Accuracy	error < 0.1 % rg. typ. (< 0.5 % rg. guar.)
----------	--

### Binary inputs

Number	8
--------	---

Input characteristics	0~400Vdc/ac peak threshold or potential free
-----------------------	---

Time resolution	100µs
-----------------	-------

Max. measuring time	Infinite
---------------------	----------

Debounce/Deglintch time	0~25ms
-------------------------	--------

Counting function	< 3kHz at pulse width>150µs
-------------------	--------------------------------

### Binary outputs, relay

Number	4
--------	---

Type	Potential free relay contacts, software controlled
------	---

Break capacity ac	Vmax: 300Vac /Imax: 8A /Pmax: 2000VA
-------------------	---

Break capacity dc	Vmax: 300Vdc /Imax: 8A /Pmax: 150W
-------------------	---------------------------------------

### In-built monitoring and recording

Monitoring	currents and voltage outputs
------------	------------------------------

Recording	analog outputs, binary inputs/outputs status
-----------	--

Mode	real time monitoring, no external wiring is required
------	--

Recording length	16s
------------------	-----

### Power supply

Nominal input voltage	110~240Vac
-----------------------	------------

Permissible input voltage	90~260Vac
---------------------------	-----------

Nominal frequency	50/60Hz
-------------------	---------

Permissible frequency	45~65Hz
-----------------------	---------

### 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
-----------------------	---------

Storage temperature	-25°~+70°C
---------------------	------------

Relative humidity	5~95% non - condensing
-------------------	------------------------

EMC(E&I)	EN/IEC 61326-1 EN/IEC 61000-3-2/3 EN/IEC61000-4-2/3/4/5/6/8/11/18
----------	--

Environment	EN/IEC 60068-2-1/2/3/6/27
-------------	---------------------------

Safety	EN/IEC 61010-1/1-12/2-030 EN/IEC 60255-25/27
--------	--

Others	FCC Part 15:Sub B ECS-001:2006 LVD EU
--------	--

### Others

PC connection	Ethernet, 10M/100M
---------------	--------------------

GPS interface	DB9/TTL
---------------	---------

Ground Socket (earth)	4 mm banana socket; front side
-----------------------	--------------------------------

Weight	20kg
--------	------

Dimensions (W×H×D)	360mm ×157mm×367mm
--------------------	--------------------