



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)	4×40W 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

Resolution 5mV for 150Vac

Distortion < 0.05 % typ., (< 0.1 % guar.)

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
error < 0.05 % rd.+0.02 % rg. typ., at 0~15A

Ranges 15A or 30A

Resolution 1mA

Distortion < 0.05 % typ., (< 0.1 % guar.)

General

Frequency

Sine signal DC, 0.001Hz~1000Hz

Accuracy ±0.3ppm

Resolution 0.001Hz

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 threshold or potential free

Time resolution 50μs

Max. measuring time Infinite

Debounce/Deglitch time 0~25ms

Counting function < 3kHz at pulse width>150μs

Binary output, 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) 4mm banana socket, front side

Weight 20kg

Dimensions (W x H x D) 360mm x 157mm x 367mm



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