

AC and AC+DC programmable power source is designed to generate a high quality power signal with high bandwidth for example: troubleshooting, inrush current, ripple or short interruptions.

Our high performance and versatility allow testing complex dynamic loads.

POWER
600W to 24kW

CURRENT
0-1A to 0-184A

VOLTAGE
130V/260V/400V



REGULATION
Line: 0,01%
load: 0,02%

BANDWIDTH
Fund. : 5 kHz
Small signal: 150 kHz

INRUSH CURRENT
I peak = 4 x I nom

RISE & FALL TIME
< 20 µs

FREQUENCY
DC...3500Hz : AB
40...80Hz : B1
300...1000Hz: B2

RIPPLE&NOISE
Rms: 0.01%
Peak: 0.1%

APPLICATIONS

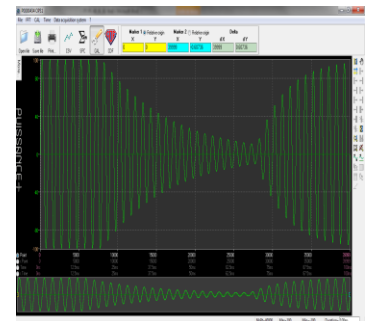
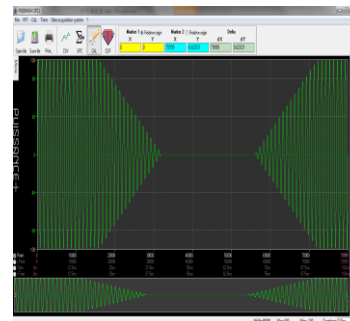
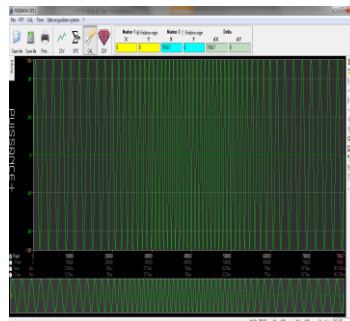
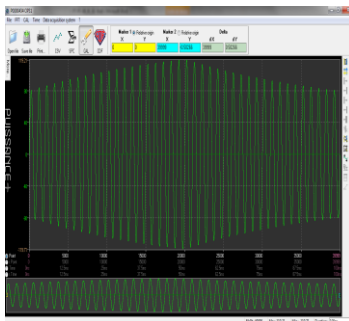
1 phase or 3 phases
AC, AC+DC_{offset}, DC
400/800/1200Hz avionic grid
50/60Hz grid
ABD 100.1.8.1
MIL-STD-704
Power line disturbance
Circuit breaker test
IEC compliance test
Ageing and burn-in test
AC Motor start up current
Harmonic distortion
Lighting ballast test
Flicker
Dips, short interruptions
Slow and fast variation
Drop out, transient spike
Inrush current
Unbalanced grid
For all none linear loads

HIGH PERFORMANCE

Regulation
Accuracy
High-speed programing
Fast transient response time
Fast rise & fall time
High Inrush current
High Bandwidth
Advanced HMI
Linear ramp programming
Low impedance output
Phase angle programing
Low harmonic distortion

OPTIONS

Power Analyzer
Specific Range
Wide Bandwidth
None-volatile Memory
Specific software
Data acquisition
CC mode
High frequency 40Hz...5000Hz



GENERAL SPECIFICATIONS:

INPUT RATING:

Voltage range: 230V+6%/-10%
 Frequency range: 47-65Hz

PROGRAMMATION VALUE

Voltage Range: 110%Vnom
 Voltage accuracy: 0.1%FS+0.1%V
 Voltage resolution: 12 bits
 Frequency Range: AB: DC...3500Hz
 B1: 40...60Hz
 B2: 300...800Hz
 Frequency accuracy: 0.01%FS+0.01%V
 Frequency resolution: 12 bits
 Harmonic range: 2 to 150 orders@50Hz

REGULATION

Voltage line regulation: 0.1%
 Voltage load regulation: 0.2%
 Sense: 2V

DYNAMIC MODE

Bandwidth: Fundamental 5 kHz,
 small signal 150kHz
 Rise & fall time: <20µs
 Overshoot: <5%
 Recovery time: <20 µs

SIGNAL QUALITY

Voltage ripple & noise rms ≤ 10-4 Vs nom
 Voltage ripple & noise pk to pk ≤ 10-3 Vs nom
 THD 0,3% @50/60Hz , 0,7%

MEASUREMENT

Voltage accuracy: 0.3%FS
 Current accuracy: 0.3%FS

PROTECTION

Over voltage/Over current/Over temperature/Reverse current

ISOLATION

Line/output: 100 MΩ @ 500Vdc
 Output to case: 10 MΩ @ 500Vdc

DIELECTRIC

Line to output: 2500Veff-50Hz
 Line to case: 1500Veff

ENVIRONMENT

Operating temperature: -10°C/40°C
 Storage temperature: -25°C/80°C
 Humidity: 10-90%
 Protection: IP30

CONFORMITY

CE

STANDARD REMOTE CONTROL

HMI: Touchscreen display
 Waveform storage

ANALOG
 ETHERNET
 RS232

OPTION

Power analyzer POW-ANA-PSB-1
 Specific range SR-PSB
 High frequency 40...5kHz DR-PSA
 50kHz bandwidth HF-PSB
 CC mode CC-PSB
 Q4 load capability Q4-PSB
 10V analog BNC input BNC
 Last configuration data save MEM
 MASTER configuration PSBM
 SLAVE configuration PSBS
 Double, triple and quadruple range On request

SOFTWARE option

Arbitrary function generator OPS1
 Advanced Sequence OPS5
 ABD100 sequence ABD100soft

		PS-600-AB/B1/B2			
AC POWER	VA	600	600	600	600
AC PEAK POWER	VA	2400	2400	2400	2400
AC VOLTAGE	Veff	130	200	260	400
AC CURRENT	Aeff	5	3	2	2
AC PEAK CURRENT	Apeak	25	16	12	8
DC POWER (for AB version)	W	424	424	424	424
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	2	2	1	1
version)	Apeak	9	6	4	3
DIMENSIONS		19"-3U-490mm	19"-3U-490mm	19"-3U-490mm	19"-3U-490mm

		PS-1000-AB/B1/B2			
AC POWER	VA	1000	1000	1000	1000
AC PEAK POWER	VA	4000	4000	4000	4000
AC VOLTAGE	Veff	130	200	260	400
AC CURRENT	Aeff	8	5	4	3
AC PEAK CURRENT	Apeak	41	27	21	13
DC POWER (for AB version)	W	707	707	707	707
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	4	3	2	1
version)	Apeak	15	10	7	5
DIMENSIONS		19"-3U-490mm	19"-3U-490mm	19"-3U-490mm	19"-3U-490mm

		PS-2000-AB/B1/B2			
AC POWER	VA	2000	2000	2000	2000
AC PEAK POWER	VA	8000	8000	8000	8000
AC VOLTAGE	Veff	130	200	260	400
AC CURRENT	Aeff	15	10	8	5
AC PEAK CURRENT	Apeak	83	54	41	27
DC POWER (for AB version)	W	1414	1414	1414	1414
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	8	5	4	3
version)	Apeak	29	19	15	10
DIMENSIONS		19"-5U-490mm	19"-5U-490mm	19"-5U-490mm	19"-5U-490mm

		PS-3000-AB/B1/B2			
AC POWER	VA	3000	3000	3000	3000
AC PEAK POWER	VA	8000	8000	8000	8000
AC VOLTAGE	V _{eff}	130	200	260	400
AC CURRENT	A _{eff}	23	15	12	8
AC PEAK CURRENT	A _{peak}	83	54	41	27
DC POWER (for AB version)	W	2122	2122	2122	2122
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	12	8	6	4
version)	A _{peak}	44	29	22	14
DIMENSIONS		19"-5U-490mm	19"-5U-490mm	19"-5U-490mm	19"-5U-490mm

		PS-5000-AB/B1/B2			
AC POWER	VA	5000	5000	5000	5000
AC PEAK POWER	VA	16000	16000	16000	16000
AC VOLTAGE	V _{eff}	130	200	260	400
AC CURRENT	A _{eff}	38	25	19	13
AC PEAK CURRENT	A _{peak}	165	107	83	54
DC POWER (for AB version)	W	3536	3536	3536	3536
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	19	13	10	6
version)	A _{peak}	73	48	37	24
DIMENSIONS		19"-8U-490mm	19"-8U-490mm	19"-8U-490mm	19"-8U-490mm

		PS-10K-AB/B1/B2			
AC POWER	VA	10000	10000	10000	10000
AC PEAK POWER	VA	40000	40000	40000	40000
AC VOLTAGE	V _{eff}	130	200	260	400
AC CURRENT	A _{eff}	77	50	38	25
AC PEAK CURRENT	A _{peak}	413	269	207	134
DC POWER (for AB version)	W	7072	7072	7072	7072
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	38	25	19	13
version)	A _{peak}	146	95	73	48
DIMENSIONS		38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm

		PS-15K-AB/B1/B2			
AC POWER	VA	15000	15000	15000	15000
AC PEAK POWER	VA	60000	60000	60000	60000
AC VOLTAGE	V _{eff}	130	200	260	400
AC CURRENT	A _{eff}	115	75	58	38
AC PEAK CURRENT	A _{peak}	620	403	310	201
DC POWER (for AB version)	W	10608	10608	10608	10608
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	58	38	29	19
version)	A _{peak}	219	143	110	71
DIMENSIONS		38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm

		PS-20K-AB/B1/B2			
AC POWER	VA	20000	20000	20000	20000
AC PEAK POWER	VA	60000	60000	60000	60000
AC VOLTAGE	V _{eff}	130	200	260	400
AC CURRENT	A _{eff}	154	100	77	50
AC PEAK CURRENT	A _{peak}	620	403	310	201
DC POWER (for AB version)	W	14144	14144	14144	14144
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	77	50	38	25
version)	A _{peak}	292	190	146	95
DIMENSIONS		38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm

		PS-24K-AB/B1/B2			
AC POWER	VA	24000	24000	24000	24000
AC PEAK POWER	VA	60000	60000	60000	60000
AC VOLTAGE	V _{eff}	130	200	260	400
AC CURRENT	A _{eff}	185	120	92	60
AC PEAK CURRENT	A _{peak}	620	403	310	201
DC POWER (for AB version)	W	16973	16973	16973	16973
DC VOLTAGE (for AB version)	V	184	283	368	566
DC CURRENT (for AB version)	A	92	60	46	30
version)	A _{peak}	351	228	175	114
DIMENSIONS		38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm	38U 800mmx800mm