





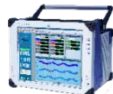


POWER ANALYZERS overview

Part-Number	1-EDRV-3P-2T	1-EDRV-6P-2T	1-EDRV-6P-4T	1-EDRV-9P-4T	1-EDRV-6P-7TA	1-EDRV-6P-3IA	1-EDRV-6P-7IA
Mainframe / Power board	GEN2tB / 1 x GN310B	GEN2tB / 2 x GN310B	GEN4tB / 2 x GN310B	GEN4tB / 3 x GN310B	GEN7tA / 3 x GN310B	GEN3iA / 2 x GN310B	GEN7iA / 2 x GN310B
# of power channels	3	6	6	9	6	6	6
Max # of power channels	6	6	12	12	21	9	21
Description	PC tethered Power Analyzer	PC tethered Power Analyzer	PC tethered Power Analyzer	PC tethered Power Analyzer	PC tethered Power Analyzer	Instrument-style Power Analyzer	Instrument-style Power Analyzer
System picture							
Software	Perception ePower suite	Perception ePower suite	Perception ePower suite	Perception ePower suite	Perception ePower suite	Perception ePower suite	Perception ePower suite
System integration	✓	✓	✓	✓	✓	Limited, slow	Limited, slow
Base Power accuracy	0.015% of reading + 0.02% of range	0.015% of reading + 0.02% of range	0.015% of reading + 0.02% of range	0.015% of reading + 0.02% of range	0.015% of reading + 0.02% of range	0.015% of reading + 0.02% of range	0.015% of reading + 0.02% of range
Integrated Windows PC	✗	✗	✗	✗	✗	Intel i3 and 17" TFT	Intel i5 and 17" TFT
Local storage	500 GB SSD	500 GB SSD	500 GB or 1 TB SSD	500 GB or 1 TB SSD	960 GB SSD RAID	480 GB SSD in PC	960 GB SSD RAID in PC
Free slots for other cards	1	--	2	1	5	1	5
Sample rate / channel	2 MS/s	2 MS/s	2 MS/s	2 MS/s	2 MS/s	2 MS/s	2 MS/s
Torque / speed inputs (max)	2 torque + 2 speed (4+4)	4 torque + 4 speed (4+4)	4 torque + 4 speed (8+8)	6 torque + 6 speed (8+8)	4 torque + 4 speed (12+12)	4 torque + 4 speed (4+4)	4 torque + 4 speed (12+12)
EtherCAT output option	✗	✗	✓	✓	✓	✗	✗
CAN FD in/output/control option	✓	✓	✓	✓	✓	✗	✗
API output/control	✓	✓	✓	✓	✓	✗	✗
RPC output/control	✓ (via PC/Perception)	✓ (via PC/Perception)	✓ (via PC/Perception)	✓ (via PC/Perception)	✓ (via PC/Perception)	✓	✓
Standard Accessories	1 x 3ph Star adapter and 1 x M/n level converter	1 x 3ph Star adapter and 1 x M/n level converter	1 x 3ph Star adapter, 1 x M/n level converter, rack mount kit	1 x 3ph Star adapter, 1 x M/n level converter, rack mount kit	1 x 3ph Star adapter, 1 x M/n level converter	1 x 3ph Star adapter and 1 x M/n level converter	1 x 3ph Star adapter and 1 x M/n level converter
Temperature range	0 °C to +40 °C	0 °C to +40 °C	-20 °C to +60 °C	-20 °C to +60 °C	0 °C to +40 °C	0 °C to +40 °C	0 °C to +40 °C
Computing power	Low	Low	High	High	Very high	Medium	Very high
Max # of results to be stored	256	256	500	500	1000	300	1000
Max # of 2 nd order calculations	125	125	500	500	1000	300	1000
Data transfer rates							
...to PC using 1 GB network	100 MB/s	100 MB/s	100 MB/s	100 MB/s	100 MB/s	✗	✗
...to PC 10 GB network option	✗	✗	400 MB/s	400 MB/s	400 MB/s	✗	✗
...to internal SSD	200 MB/s	200 MB/s	350 MB/s	350 MB/s	350 MB/s	200 MB/s	350 MB/s
Acquisition card support	All "B" type cards and GN815/ GN816 (no support for GN3210 and GN3211 cards)				All "B" type cards, and GN815 / GN816 and GN3210 / GN3211		