





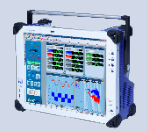
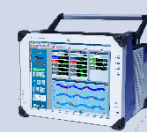


eDrive Power Meters and Power Analyzers comparison

	POWER METERS		POWER ANALYZERS					
Part-Number	1-EDRV-3P-2T-WEB	1-EDRV-6P-2T-WEB	1-EDRV-3P-2T	1-EDRV-6P-2T	1-EDRV-6P-4T	1-EDRV-9P-4T	1-EDRV-6P-3I	1-EDRV-6P-7I
Mainframe / Power board	GEN2tB / 1 x GN310B	GEN2tB / 2 x GN310B	GEN2tB / 1 x GN310B	GEN2tB / 2 x GN310B	GEN4tB / 2 x GN310B	GEN4tB / 3 x GN310B	GEN3i / 2 x GN310B	GEN7i / 2 x GN310B
# of power channels	3	6	3	6	6	9	6	6
Max # of power channels	6	6	6	6	12	12	9	21
Description	Power Meter	Power Meter	PC tethered Power Analyzer	PC tethered Power Analyzer	PC tethered Power Analyzer	PC tethered Power Analyzer	Instrument-style Power Analyzer	Instrument-style Power Analyzer
								
Software used	PowerMeter WebGUI	PowerMeter WebGUI	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	0.015% of reading + 0.02% of range
Integrated Windows PC	✗	✗	✗	✗	✗	✗	Intel i5 and 17" TFT	Intel i7 and 17" TFT
Local storage	500 GB SSD option	500 GB SSD option	500 GB SSD	500 GB SSD	500 GB SSD	500 GB SSD	480 GB SSD in PC	960 GB SSD RAID in PC
Free slots for other cards	1	--	1	--	2	1	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	2 MS/s
Torque / speed inputs	2+2	2+2	2+2	2+2	4+4	4+4	2+2	6+6
EtherCAT output option	✗	✗	✗	✗	✓	✓	✗	✗
CAN FD output option	✓	✓	✓	✓	✓	✓	✗	✓
API remote control	✓	✓	✓	✓	✓	✓	✗	✓
RPC remote control	✗	✗	✓	✓	✓	✓	✓	✓
Standard Accessories	3ph Star adapter and M/n level converter	3ph Star adapter and M/n level converter	3ph Star adapter and M/n level converter	3ph Star adapter and M/n level converter	3ph Star adapter and M/n level converter, rack mount kit	3ph Star adapter and M/n level converter, rack mount kit	3ph Star adapter and M/n level converter	3ph Star adapter and M/n level converter
Temperature range	0 °C to +40 °C	0 °C to +40 °C	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
Data transfer rates								
...to PC 1 GB	100 MB/s	100 MB/s	100 MB/s	100 MB/s	100 MB/s	100 MB/s	✗	✗
...to PC 10 GB option	✗	✗	✗	✗	400 MB/s	400 MB/s	✗	✗
...to internal SSD	200 MB/s	200 MB/s	200 MB/s	200 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	