

4 ~ 6 PHASE

1 ~ 3 PHASE

PPA5540/50/60

PPA3540/50/60

Variable Speed Drive & Motor Testing
Automotive Powertrain
Renewable Energy Systems

PPA5510(1)/20(1)/30(1)

PPA4510/20/30

Harmonics & Flicker
Industrial - Production
Power Conversion
Research & Development

PPA1510/20/30

PPA510/20/30

General Power Analysis
Standby Compliance
Efficiency Measurement

0.1% 500kHz — Frequency | Accuracy | Features — 0.01% 2MHz

Power Analyzer Product Selector

	PPA500	PPA1500	PPA3500	PPA4500	PPA5500	PPA55x1
Basic Accuracy						
V, A rdg Error	0.05%	0.05%	0.04%	0.03%	0.01%	0.01%
Power rdg Error	0.10%	0.10%	0.06%	0.04%	0.02%	0.02%
Phase Options						
Available Phases	1~3	1~3	3~6	1~3	1~3	1~3
Master/Slave	-	-	Not Required	4~6	4~6	4~6
Bandwidth						
20A or 30A Shunt	DC ~ 500kHz	DC ~ 1MHz	DC ~ 1MHz	-	-	-
10A or 30A Shunt	-	-	-	DC ~ 2MHz	DC ~ 2MHz	-
50A Shunt	-	-	-	DC ~ 1MHz	DC ~ 1MHz	DC ~ 1MHz
Voltage Input						
Max Input Voltage	2.5kVpk (1kVrms)	2.5kVpk (1kVrms)	2.5kVpk (1kVrms)	3kVpk (1kVrms)	3kVpk (1kVrms)	3kVpk (1kVrms)
Direct Current Input						
10Arms Model						
20Arms Model						
30Arms Model						
50Arms Model						
No. of Ranges	8	8	8	8	9	9
Features						
Scope and Graph Modes						
USB Memory Port						
LAN Port						
GPIB Port	External Adaptor	External Adaptor				
RS232 Port						
Real Time Clock						
19in Rack Mount Option						
Torque and Speed						
IEC61000 Mode					Pre Compliance	Full Compliance
Delta -Star & Star-Delta Conversion						
PWM Motor Drive Mode		Limited Functionality				
Oscilloscope						
Transformer Mode						
PWM Filter Options		2	7	7	7	7
Speed/Harmonics/Sec Computation	300/sec	300/sec	300/sec	600/sec	1800/sec	1800/sec
Internal Datalogging	4 Parameters	4 Parameters	32 Parameters	16 Parameters	16 Parameters	16 Parameters
Datalog Records	16000	16000	5M	5M	10M	10M
ADB0100.1.8 Interharmonic Mode						
Internal Memory	192kB	192kB	500MB	500MB	1GB	1GB
Harmonics	50	50	100	100	417	417
Minimum Window Size	10ms	5ms	5ms	5ms	2ms	2ms
Dimensions Excl. Feet (H x W x D mm)	92 x 215 x 312	92 x 215 x 312	92 x 404 x 346	130 x 400 x 315	130 x 400 x 315	130 x 400 x 315
Weight	3.3-4kg	3.3-4kg	5-7kg	5.4-6kg	5.4-6kg	5.4-6kg

Option

Standard