

PowerDB Software

Listing of Supported Instruments

The following information explains the data acquisition methods used to capture or load test results directly into PowerDB Software from an instrument or file. This includes the abbreviation key for the list of instruments. The functionality generally exists in the PowerDB test forms once they are opened and after an instrument has been selected and set up. More detailed instructions are available in the application Help menu and the User Manual.

The instruments and functionality listed here are included in the base application unless otherwise noted. Custom instrument drivers and imports can be created; contact PowerDB for information.

Data Acquisition Methods

Live Capture	Download from Instrument	Import from File
<p>Live results are captured in real-time via communication cable or wireless as the tests are completed.</p> <p>(L-RC) Live Right Click, live mode is initiated by mouse right-click action on a cyan-colored “hot field” in the test form.</p> <p>(L-FB) Live Form Button, live mode is started by pressing a button on the test form.</p>	<p>Download previously stored results directly from instrument onboard memory via a communication cable.</p> <p>(D-FI) Download File, where download is initiated from the Import menu.</p> <p>(D-RC) Download Right Click, where a mouse right-click is used to start the download.</p> <p>(D-FB) Download Form Button, uses a form button to start the download process.</p>	<p>Import results previously saved to files. Results files are generally moved via USB memory stick from the instrument to the PC.</p> <p>(I-F) Import File where the import is started using the Import menu.</p> <p>(I-RC) Import Right Click, uses a mouse right-click to start the import.</p> <p>(I-P) Import PDBXML, indicates files are brought in using Import > Import PDBXML.</p> <p>(I-FB) Import Form Button, where files are brought in using a button on the test form or a test dialog.</p>

NOTE: Another mode **(E-F) Export to File** is available for particular versions and forms.

Applicability

PowerDB Pro **(P)**, PowerDB Advanced **(A)** and PowerDB Lite **(L)** functionality is indicated in the COMMUNICATION column of the table.

1 – Import selects test form automatically
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INSULATION TEST SETS

MODEL	METHOD	FORMS	COMMUNICATION
BM-25	L-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
S1-5005	L-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
S1-5010	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
MEG 10-01	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
S1-552 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
S1-554 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
S1-1052 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
S1-1054 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
MIT-520 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
MIT-1020 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
MIT-525/1025/1525 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60100	SERIAL (P,A,L)
MIT-568/1068 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60080, 60100	SERIAL (P,A,L)
S1-568/1068/1568 ²	L-RC, D-RC	13000, 19275, 19280, 32000, 32400, 32450, 97560, 98500, 56600, 60000, 60010, 60050, 60070, 60080, 60100	SERIAL OR BLUETOOTH (P,A,L)

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TRANSFORMER TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
MWA	L-FB	56000	SERIAL (P,A,L)
550503	L-RC, D-RC/FB	27700, 27750, 56001, 56002, 56003, 56006, 56365, 56370, 93510	SERIAL (P,A,L)
TTR-310	L-RC, D-RC/FB	27700, 27750, 56001, 56002, 56003, 56006, 56365, 56370, 93510	SERIAL (P,A,L)
TTR-300	L-RC	27700, 27750, 56001, 56002, 56003, 56006, 56365, 56370, 93510	SERIAL (P,A,L)
TTR-320	L-RC, I-P	27700, 27750, 56001, 56002, 56003, 56006, 56365, 56370, 93510	ETHERNET (P,A,L)
TTR-330	L-RC, I-P	27700, 27750, 56001, 56002, 56003, 56006, 56365, 56370, 93510	ETHERNET (P,A,L)
MRCT	L-FB, I-P	INSTRUMENT TRANSFORMER MANAGEMENT SOFTWARE (ITMS), RELAY TEST MANAGEMENT SOFTWARE (RTMS)	ETHERNET (P,A,L)
MVCT	L-FB, I-P	INSTRUMENT TRANSFORMER MANAGEMENT SOFTWARE (ITMS), RELAY TEST MANAGEMENT SOFTWARE (RTMS)	ETHERNET (P,A,L)
MCT-1600	L-FB, I-P/FB	27650, 27660	ETHERNET (P,A,L)
MCT-1605	L-FB, I-P/FB	27650, 27660	ETHERNET (P,A,L)
MTO-210	D-FB	56352, 56353	SERIAL (P,A,L)
MTO-250	L-FB, D-FB	56352, 56353	SERIAL (P,A,L)
MTO-300	L-FB	27800, 27850, 56301, 56353, 56356	ETHERNET (P,A,L)
MTO-330	I-P	27800, 27850, 56301, 56353, 56356	NONE (P,A,L)
ADWEL DCT	D-RC, I-RC	27655	SERIAL (P,A)
ADWEL DWR	D-RC, I-RC	56355	SERIAL (P,A)
VANGUARD ATRT-03 SR	I-RC	56502	NONE (P,A)
VANGUARD TRI-PHASE	I-RC	56502	NONE (P,A)
VANGUARD EZCT MODELS	I-RC	27650	NONE (P,A)

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POWER FACTOR TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
DELTA 2000	L-RC, L-FB	27600, 27610, 91510, 91515, 92500, 92510, 92520, 92525, 92529, 92530, 92550, 93001, 93002, 93500, 94500, 95500, 95501, 96005, 98000, 98005, 98006	SERIAL (P,A,L)
DELTA 2000 DATAKEY READER	D-RC	27600, 27610, 91510, 91515, 92500, 92510, 92520, 92525, 92529, 92530, 92550, 93001, 93002, 93500, 94500, 95500, 95501, 96005, 98000, 98005, 98006	SERIAL (P,A,L)
DELTA 3000	L-RC, I-P	27600, 27610, 91510, 91515, 92500, 92510, 92520, 92525, 92529, 92530, 92550, 93001, 93002, 93500, 94500, 95500, 95501, 96005, 98000, 98005, 98006	ETHERNET (P,A,L)
DELTA 4000	L-RC, I-P	27600, 27610, 91510, 91515, 92500, 92510, 92520, 92525, 92529, 92530, 92550, 93001, 93002, 93500, 94500, 95500, 95501, 96005, 98000, 98005, 98006	ETHERNET, SERIAL (P,A,L)
DOBLE DTA 5/6/7	I-F	27600, 27610, 91510, 91515, 92500, 92510, 92520, 92525, 92529, 92530, 92550, 93001, 93002, 93500, 94500, 95500, 95501, 96005, 98000, 98005, 98006	NONE (P)
DOBLE DTA 6/7	E-F	91510, 92510, 92520, 93500, 94500, 95500, 95501, 98000	NONE (L)
NOTE: IMPORT FROM DTA IS ONLY AVAILABLE IN PRO. EXPORT TO DTA IS ONLY AVAILABLE IN LITE.			

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BATTERY TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
BITE2P	D-FI, D-RC	10750	SERIAL (P,A,L)
MBITE	D-FI, D-RC	10750	SERIAL (P,A,L)
EBITE	D-FI, D-RC	10750	SERIAL (P,A,L)
BITE3 ⁴	D-FI, D-RC	10750	SERIAL (P,A,L)
PROACTIV SOFTWARE	I-F	10750 ¹	NONE (P)
TORKEL	L-FB, D-RC, I-RC	10756, 10759	SERIAL (P,A,L)
TORKEL 900	I-FB	10758	NONE (P,A,L)
BVM	L-FB	10756, 10757, 10759	SERIAL (P,A,L)
ANTON PAAR HYDROMETER ³ DMA35, DMA35N	D-RC	10750, 10756, 10760	SERIAL (P,A,L)
ALBER CELLCORDER CRT300/400	I-FB	10760	NONE (P, A)
ETG DVL-30 VOLTLOGGER	D-RC	10750, 10756	SERIAL (P,A)
MIDTRONICS	I-RC	10750, 10756	NONE (P,A)
EAGLE EYE SG-ULTRA	D-RC	10750, 10756, 10760	INFRARED (P,A)

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RELAY TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
SMRT / MPRT	L-FB	RELAY TEST MANAGEMENT SOFTWARE (RTMS)	ETHERNET (P,A)
SMRT / MPRT	L-RC	43351, 45000, 45001, 462700, 462701, 462702, 462704, 462706, 462708, 462710, 462712, 465101, 465102, 465103, 465104, 465105, 465106, 465107, 465108, 465109, 465120, 465121, 465122, 465123, 465124, 465125, 465200, 49550	ETHERNET (P,A,L)
MRCT (1-PH RELAYS)	L-FB	RELAY TEST MANAGEMENT SOFTWARE (RTMS)	ETHERNET (P,A)
FREJA-400/500	L-FB	RELAY TEST MANAGEMENT SOFTWARE (RTMS)	ETHERNET (P,A)
AVTS SOFTWARE	I-F	AVTSIMPORT ¹	NONE (P)
PULSAR	L-RC	43351, 45000, 45001, 462700, 462701, 462702, 462704, 462706, 462708, 462710, 462712, 465101, 465102, 465103, 465104, 465105, 465106, 465107, 465108, 465109, 465120, 465121, 465122, 465123, 465124, 465125, 465200, 49550	SERIAL (P,A,L)
SVERKER	L-RC	43351, 45000, 45001, 462700, 462701, 462702, 462704, 462706, 462708, 462710, 462712, 465101, 465102, 465103, 465104, 465105, 465106, 465107, 465108, 465109, 465120, 465121, 465122, 465123, 465124, 465125, 465200, 49550	SERIAL (P,A,L)
DOBLE F2000, F6000 (FIRMWARE DEPENDENT)	L-RC	43351, 45000, 45001, 462700, 462701, 462702, 462704, 462706, 462708, 462710, 462712, 465101, 465102, 465103, 465104, 465105, 465106, 465107, 465108, 465109, 465120, 465121, 465122, 465123, 465124, 465125, 465200, 49550	SERIAL (P,A)
SMC	L-RC	43351, 45000, 45001, 462700, 462701, 462702, 462704, 462706, 462708, 462710, 462712, 465101, 465102, 465103, 465104, 465105, 465106, 465107, 465108, 465109, 465120, 465121, 465122, 465123, 465124, 465125, 465200, 49550	SERIAL (P,A)

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CIRCUIT BREAKER TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
SPI	L-FB	SMART PRIMARY INJECTION SOFTWARE (SPIS)	ETHERNET (P,A,L)
ODEN	L-RC	15055, 15800	SERIAL (P,A,L)
OCR-XXXX	L-RC	92600	SERIAL (P,A,L)
CABAWIN SOFTWARE	I-F	CABAWINIMPORT ¹	NONE (P)
ETI MAC-20	L-RC	15055, 15800	SERIAL (P,A)
PHENIX HC	L-RC	15055, 15800	SERIAL (P,A)
VANGUARD VCBA-2	I-FB	15300	NONE (P,A)

OIL TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
OTD	D-FB	57600	SERIAL (P,A,L)
OTS60AF	I-FB	57390	NONE (P,A,L)
OTS80AF	I-FB	57390	NONE (P,A,L)
OTS100AF	I-FB	57390	NONE (P,A,L)
OTS60PB	I-FB	57390	NONE (P,A,L)
OTS80PB	I-FB	57390	NONE (P,A,L)
OTS60PB (LEGACY)	L-RC	57400, 57450	SERIAL (P,A,L)

MICROHMMETERS

MODEL	METHOD	TEST FORMS	COMMUNICATION
DLRO10X	L-FB, D-FB	90511	SERIAL (P,A,L)
DLRO-100	L-FB, D-FB	90514	SERIAL, BLUETOOTH (P,A,L)
DLRO200/600	L-FB, D-FB	90512	SERIAL (P,A,L)
DLRO H200/MOM2	D-FB	90513	BLUETOOTH (P,A,L)
DLRO10HDX	D-FB	90515	SERIAL (P,A,L)

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GROUND TEST SETS

MODEL	METHOD	TEST FORMS	COMMUNICATION
DET24C	D-FB	24480	INFRARED, BLUETOOTH (P,A,L)

METERS

MODEL	METHOD	TEST FORMS	COMMUNICATION
MLR10 ²	L-FB	93507	SERIAL (P,A,L)
PMM-1	L-FB, D-FB	39000	SERIAL (P,A,L)
FLUKE 190 SCOPEMETER	L-RC	32900	SERIAL (P,A)

INFRARED

MODEL	METHOD	TEST FORMS	COMMUNICATION
FLIR P65	I-RC	45455	NONE (P,A)
FLIR P640	I-RC	45444	NONE (P,A)

OTHER IMPORTS

MODEL	METHOD	TEST FORMS	COMMUNICATION
SD MYERS	I-F	57956 ¹	NONE (P)
WEIDMANN	I-F	57952 ¹	NONE (P)
TJH2B	I-F	57850 ¹ , 57860 ¹	NONE (P)
ONCOR	I-F	57700 ¹	NONE (P)
PDC	I-F	57954 ¹	NONE (P)

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