Summary Sheet



AC Digital Signal Generator Model DSG-8

Cat. #6000.09

The AC Digital Signal Generator Model DSG-8 simulates waveforms for a variety of AEMC power analyzers, including the PowerPad, PowerPad III, and PEL 100 series. The DSG-8 can create simulations for any AC distribution system supported by these instruments, including capturing transients, inrush, and alarm events.

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Channels	Eight
Output Termination	Five 4mm safety banana connectors Four AEMC/C.A connector
Output Voltage	0 to 55VRMS (Earth/Ground to phase 1, 2, 3 and neutral) 0 to 1VRMS AEMC/C.A connector
Accuracy	Unspecified (see graphs below)
Frequency Range	45 to 65Hz
Sample Rate	128 samples/cycle
Harmonics	Programmable harmonic content to the 50th harmonic
Inrush	14 cycle inrush simulation
Presets	Seven preset waveforms (six normal/transient, one normal/inrush)
Communication	USB 2.0
Power Consumption	70mA at max output all eight channels
Power Source	USB 5V Three 1.5V C-cell alkaline batteries

For more details, download the datasheet or user manual at www.aemc.com

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Battery Life	100 hours active mode (output ON) 60 days sleep mode (output OFF)

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