

CDN-A-8-200

Standards	IEC61000-4-4, IEC61000-4-5, ECE R10, latest editions
Can be upgraded for	IEC61000-4-12, ANSI C62.45 (see options)
Type	3-ph., automatic
EUT voltage AC	max. 3 x 690V L-L, 50 / 60 Hz
EUT current AC	max. 3 x 200A
EUT voltage DC	max. 500V (can be upgraded, see options)
EUT current DC	max. 200A
Current flow	bi-directional (source to EUT and EUT to source)
Test level burst (as per IEC)	max. 7.1 kV with IMU-MGE
Test level surge (as per IEC)	max. 8 kV supported (with IMU-MGE max. 7.6 kV)
Surge waveform	as required for EUT current range 125 – 200A see FULL RANGE OPTION below
Residual voltage	typically < 5 % for burst and < 12 % for surge
Dimensions	19" rack with wheels, 18 UH
Weight	depending on options
Included in delivery	connectors for EUT and supply (10 pcs.) adapter for burst calibration
Generators	IMU-MGE
Options	to be ordered additionally when required
OPT-A-8-200 1000V DC	extends DC voltage capability of CDN from 500V DC to 1000V DC
OPT-A-8-200 1500V DC	extends DC voltage capability of CDN from 500V DC to 1500V DC
OPT-A-8-200 RWG	extends capability of CDN for Ring Wave test up to 7.6 kV (with IMU-MGE) as per IEC61000-4-12
PROT200-AC690	3-ph. AC 690V/200A automatic overcurrent circuit breaker (for tests on AC lines)
PROT200-DC500	DC 500V/200A automatic overcurrent circuit breaker (for tests on DC lines)
OPT-A-8-200 ANSI (for Surge & if selected Ring)	extends capability of CDN to perform additional couplings as per ANSI C62.45
OPT-A-8-200 FULL RANGE	ensures that surge waveform can be applied also when testing EUTs in current range 0-125A/phase as per IEC61000-4-5 ed. 3
DC-DC200	DC 1500V/200A diode-resistor network as per IEC61000-4-5 ed. 3, Amendment 1

