

UHPC Channel Modules



UHPC Channel Modules - The Best in Precision

NOVONIX's industry leading Ultra-High Precision Coulometry (UHPC) Channel Modules accurately measure and control current and voltage, with high precision and low noise, providing better quality data that allow for greater confidence.

UHPC-2A



UHPC-10A



UHPC-20A



Part Number	CMA-HDX-99-56	CMA-HEX-99-56	CMA-HFX-99-56
Number of Channels	8	8	4
Source Current Range	200µA, 2mA, 20mA, 200mA, 2A	100µA, 1mA, 10mA, 100mA, 1A, 10A	2A, 20A
Source Voltage Range	1 - 250mV 250mV - 5V	0 - 5V	0 - 5V
Measured Current Accuracy, FSR	< 0.005%	< 0.005%	< 0.005%
Measured Voltage Accuracy	100µV (< 250mV) 200µV (> 250mV)	200µV	200µV
Measured Current Noise, FSR	< 0.002%	< 0.002%	< 0.002%
Measure Voltage Noise	100µV	100µV	100µV
Current/Voltage Temperature Coefficient, FSR over 23 +5°C	0.002%	0.002%	0.002%
Timing Resolution	10ms	10ms	10ms
Measurement Frequency	6Hz	6Hz	6Hz
Standard Rack Mountable (Size)	Yes (3U)	Yes (4U)	Yes (2U)
Depth, inches (mm)	24 (610)	27 (686)	28 (711)
Max Power Draw	320VA	1500VA	1500VA