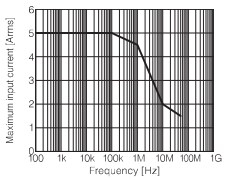
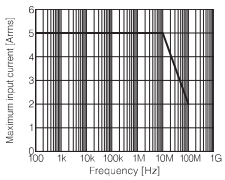
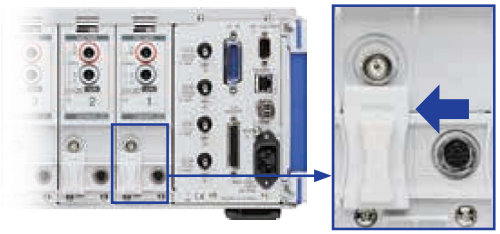
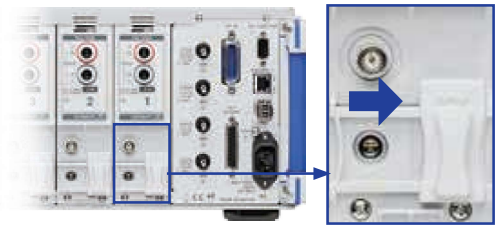
	CT6700	CT6701
Appearance		
Rated current	**5 A AC/DC**	**5 A AC/DC**
Frequency band	DC to 50 MHz (-3 dB)	DC to 120 MHz (-3 dB)
Diameter of measurable conductors	Max.φ 5 mm (0.20") (insulated conductors)	Max.φ 5 mm (0.20") (insulated conductors)
Basic accuracy	typical ±1.0% rdg. ±1 mV ±3.0% rdg. ±1 mV (At DC and 45 to 66 Hz)	typical ±1.0% rdg. ±1 mV ±3.0% rdg. ±1 mV (At DC and 45 to 66 Hz)
Operating temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Effects of external magnetic fields	20 mA equivalent or lower (400 A/m, 60 Hz and DC)	5 mA equivalent or lower (400 A/m, 60 Hz and DC)
Dimensions	155W (6.10") × 18H(0.71") × 26D (1.02") mm Cable length: 1.5 m	155W (6.10") × 18H(0.71") × 26D (1.02") mm Cable length: 1.5 m
Mass	250 g (8.8 oz)	250 g (8.8 oz)
Derating properties		

Sensor switching method



High accuracy sensor terminal: Slide the cover to the left.

When connecting
CT6877A, CT6877A-1, CT6904A, CT6904A-1, CT6904A-2, CT6904-3, CT6876A, CT6876A-1, CT6875A, CT6875A-1, CT6873, CT6873-01, CT6863-05, CT6872, CT6872-01, CT6862-05, CT6841-05, CT6843-05, CT6844-05, CT6845-05, CT6846-05, PW9100A-3, PW9100A-4

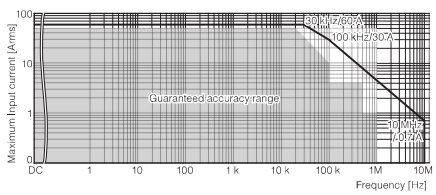


Wideband probe terminal: Slide the cover to the right.

When connecting
3273-50, 3274, 3275, 3276, CT6700 or CT6701

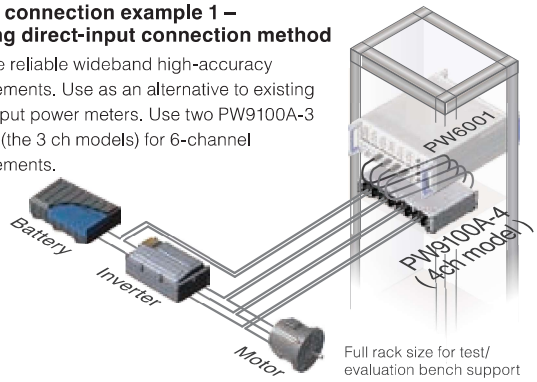
High-accuracy sensors: direct connection type (connect to Probe1 input terminal)

The newly developed DCCT method provides world-leading measurement bands and accuracy at a 50 A rating. Delivering a direct-coupled type current testing tool that brings out the PW6001 POWER ANALYZER's maximum potential.
(A 5 A-rated version is also available. Contact us for more information.)

	AC/DC CURRENT BOX PW9100A-3	AC/DC CURRENT BOX PW9100A-4
External Appearance		
Number of input channels	3 ch	4 ch
Rated primary current	**50 A AC/DC**	
Frequency band	DC to 3.5 MHz (-3 dB)	
Measurement terminals	Terminal block (with safety cover), M6 screws	
Basic accuracy	±0.02% rdg. ±0.005% f.s. (amplitude), ±0.1 ° (phase) (At 45 ≤ f ≤ 65 Hz) ±0.02% rdg. ±0.007% f.s. (amplitude), (At DC)	
Frequency response (Amplitude)	to 45 Hz: ±0.1% rdg. ±0.02% f.s. to 1 kHz: ±0.1% rdg. ±0.01% f.s. to 50 kHz: ±1% rdg. ±0.02% f.s. to 100 kHz: ±2% rdg. ±0.05% f.s. to 1 MHz: ±10% rdg. ±0.05% f.s. 3.5 MHz: -3 dB Typical	
Input resistance	1.5 mΩ or less (50 Hz/60 Hz)	
Operating temperature range	Temperature: 0°C to 40°C (32°F to 104°F), Humidity: 80% R.H. or less (no condensation)	
Effects of common-mode voltage (CMRR)	50 Hz/60 Hz: 120 dB or greater, 100 kHz: 120 dB or greater (Effect on output voltage/common-mode voltage)	
Maximum voltage to ground	1000 V (measurement category II), 600 V (measurement category III), anticipated transient overvoltage: 6000 V	
Dimensions	430 mm (16.93 in) W × 88 mm (3.46 in) H × 260 mm (10.24 in) D, Cable length: 0.8 m (2.62 ft)	
Mass	3.7 kg (130.5 oz)	4.3 kg (151.7 oz)
Derating Characteristics		

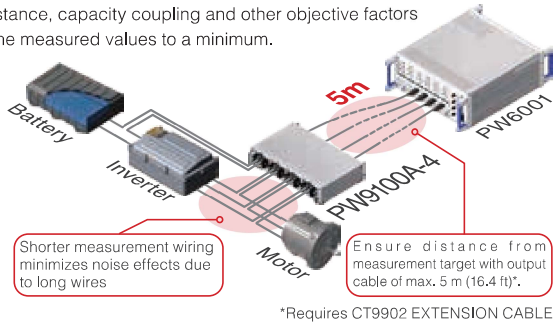
Wiring connection example 1 – Existing direct-input connection method

For more reliable wideband high-accuracy measurements. Use as an alternative to existing direct-input power meters. Use two PW9100A-3 devices (the 3 ch models) for 6-channel measurements.



Wiring connection example 2 – Introducing a new and innovative measuring method

Shorten the wiring for current measurement by installing the PW9100A close to the measurement target. This will also keep the effects of wiring resistance, capacity coupling and other objective factors on the measured values to a minimum.



*Requires CT9902 EXTENSION CABLE