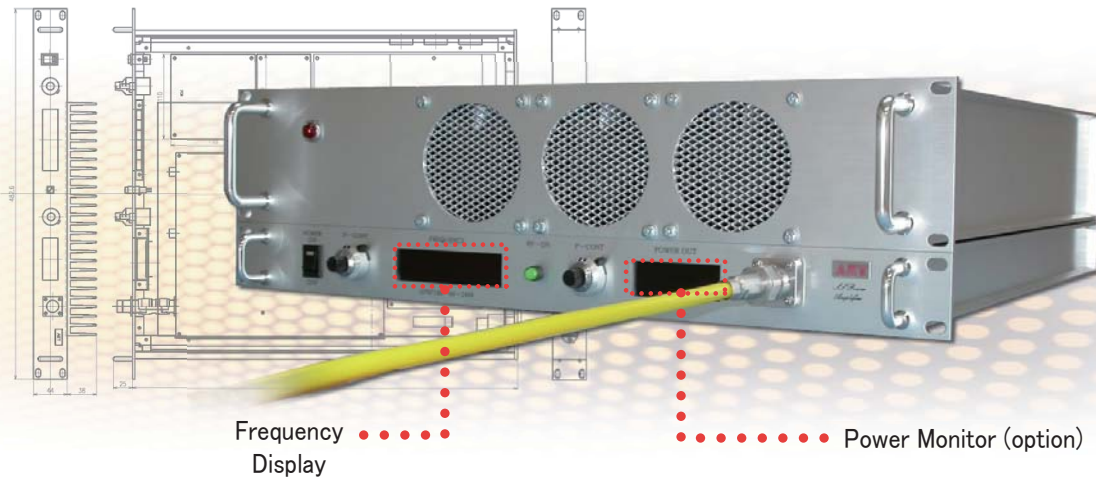


Solid State Microwave Generator



Model	AMPS100-04-2450
Oscillator (PLL synthesizer)	2400MHz – 2500MHz Step: 20kHz
Output signal	Standard: CW Option: Pulse (pulse modulator and pulse generator)
Output power	100W (min.)/@12.5W – 100W variable
Output impedance	Nominal 50 Ω
Harmonics	-18dBc (max.)@ $P_o=100W$ output
Spurious	-60dBc (max.)@ $P_o=100W$ output
Output connector	RF output: N-Female
Ambient temperature	Operating temperature : -10 to +40°C@case temperature Storage temperature : -15 to +65°C Moisture content : 15 to 85%@ +25°C (non condensing)
Cooling	Forced air cooling
Size	482.6mm (W) × 500mm (D) × 132mm (H)
Weight	18.2Kg (incl. power monitor)
Option	Power Monitor, Pulse Modulator, Pulse Generator

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Pulse Generator for Microwave Modulation



Model	APPG-04-200-1 (pulse width preset type)
Frequency	5Hz - 200KHz(standard) ※1Hz - 18MHz(customized)
Interface	Monitor terminal: BNC RF source interface: D-sub
Preset pulse width	1 μ s - 190ms ※max.990ms 1 μ s - 5 μ s: Accuracy<10% Over 10 μ s: Accuracy<1%
Frequency display	6 digit frequency counter 7 segment LED (height:15mm) Accuracy <0.1%
Frequency counter resolution	1Hz or 10Hz
Output	CW or Pulse
Operating temperature	0 - 50°C
Typical voltage	AC100V
Power consumption	8.5VA
Dimension	482.6mm(W) X 320mm(D) X 44mm(H)



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