

SPECIFICATIONS

	SG1641A	SG1641B
Main output		
Output frequency	0.1Hz ~ 3MHz	0.1Hz ~ 10MHz
Output waveforms	Sine wave, Square wave, Triangle wave, etc.	
Output impedance	50Ω	
Output amplitude	10Vp-p (50Ω) 20Vp-p (1MΩ)	
Output attenuation	0dB / 20dB / 40dB/60dB	
Symmetry	20% ~ 80% or 50%	
Sine wave		
Distortion factor	≤ 1%	
Square wave		
Rise or fall time	<25ns	
TTL output		
Rise or fall time	≤1μs	
Low level	≤0.4V	
High level	≤3.5V	
Impedance	600Ω	
Counter		
Frequency range	0.1Hz ~ 50MHz	
Input impedance	≥1MΩ/20pF	
Sensitivity	100mVrms	
Accuracy	0.1Hz/1Hz/10Hz/100Hz	
Error	≤0.003%±1 digit	
Max. input voltage	150V (AC+DC) (with attenuator)	
Input attenuation	0dB/20dB	
Power source	110 ~ 127VAC±10%/220 ~ 240VAC±10%, 50Hz±2Hz/60Hz±2Hz	
DIMENSIONS & WEIGHT	230 × 80 × 210mm (W×H×D) Approx 1.5kg	

