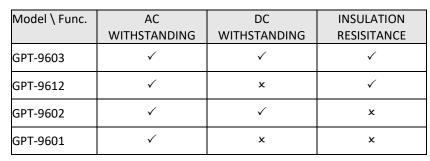
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GPT-9600 Specifications

The specifications apply when the GPT-9600 is powered on for at least 30 minutes under +15°C~+35°C.





AC WITHSTANDING			
Output-Voltage Range	0.10kV~ 5.00kV ac		
Output-Voltage Resolution	10V		
Output-Voltage Accuracy	± (1.5% of setting + 2 counts) with no load		
Maximum Rated Load	100 VA (5kV/20mA)		
Maximum Rated Current	20mA (0.5kV < V \leq 5kV)		
	5mA (0.1kV \leq V \leq 0.5kV)		
Output-Voltage Waveform	Sine wave		
Output-Voltage Frequency	50 Hz / 60 Hz selectable		
Voltage regulation	\pm (1.5% + 2 counts) [full load → no load]		
Voltmeter Accuracy	± (1.5% of reading + 2 counts)		
Current Measurement Range	0.01mA~20.0mA		
Current Best Resolution	0.01mA / 0.1mA		
Current Measurement Accuracy	±(2.0% of reading + 10 counts) when HISET < 1.00mA		
	\pm (2.0% of reading + 3 counts) when HISET \geq 1.00mA		
Current Judgment Accuracy	±(3.0% of setting + 10 counts) when HISET < 1.00mA		
	±(3.0% of setting + 3 counts) when HISET \geq 1.00mA		
Window Comparator Method	Yes		
ARC Detect	Yes		
RAMP (Ramp-Up Time)	0.1s fixed		
TIMER (Test Time)	OFF, 1s~180s		
GND	ON		
DC WITHSTANDING			
Output-Voltage Range	0.10kV~ 6.00kV dc		
Output-Voltage Resolution	10V		
Output-Voltage Accuracy	± (1.5% of setting + 2 counts) with no load		
Maximum Rated Load	25W (5kV/5mA)		
Maximum Rated Current	mum Rated Current $6mA (0.5kV < V \leq 6kV)$		
	2mA (0.1kV \leq V \leq 0.5kV)		
Voltage regulation	± (1.5% + 2 counts) [full load \rightarrow no load]		
Voltmeter Accuracy	± (1.5% of reading + 2 counts)		



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Current Measurement Range	0.01mA~6.00mA		
Current Best Resolution	0.01mA		
Current Measurement Accuracy	±(2.0% of reading + 10 counts) when HISET < 1.00mA		
	\pm (2.0% of reading + 3 counts) when HISET \geq 1.00mA		
Current Judgment Accuracy	±(3.0% of setting + 10 counts) when HISET < 1.00mA		
	\pm (3.0% of setting + 3 counts) when HISET \geq 1.00mA		
Window Comparator Method	Yes		
ARC Detect	Yes		
RAMP (Ramp-Up Time)	0.1s fixed		
TIMER (Test Time)	OFF, 1s~180s		
GND	ON		
	INSULATION RESISITAN	CE	
Output-Voltage	50V, 100V, 250V, 500V, 1000V dc		
Output-Voltage Accuracy	± (3.0% of setting + 1 count) [no load]		
Resistance Measurement Range	1ΜΩ~ 2000 ΜΩ		
Test voltage	Measurable Range	Accuracy	
50V/100V/250V	1~ 50 MΩ	±(5% of reading + 2MΩ)	
	51~ 2000 MΩ	\pm (10% of reading + 2MΩ)	
500V/1000V	1~ 500 MΩ	±(5% of reading + 2MΩ)	
	501~ 2000 MΩ	\pm (10% of reading + 2MΩ)	
Window Comparator Method	Yes		
Output Impedance	600 kΩ		
RAMP (Ramp-Up Time)	0.1s fixed		
TIMER (Test Time)	OFF, 1s~180s		
GND	OFF (fixed)		
	TEST MODE*		
SINGLE	ACW, DCW, IR		
AUTO AC-IR, IR-AC, DC-IR, IR-DC			
	INTERFACE		
Remote Terminal (Front)	Standard		
SIGNAL IO	Standard		
	GENERAL		
Display	240 x 48 Ice Blue dot matrix LCD		
Power Source	AC 100V-120V/220V-240V ±10%, 50/60Hz		
Power Consumption	400VA max.		
Dimensions & Weight	330(W) x 148(H) x 385(D) mm		
	approx.9kg(Max)		

* The available "Test Mode" depends on selected model