

- Max : AC/DC 120A
- Data hold
- Auto power off selection
- Max / Min data hold
- Auto range & manual range
- One touch for fast zero set for DCA
- Overload protection
- One key shift reading of Hz, A & V
- Backlight... Blue
- Test leads complied with IEC61010-031 Edition 1.0 2008-02
- **LCD Display** : 6600 Counts
- **Safety standard** :
IEC 61010-1 CAT. II 600V
IEC 61010-1 CAT. III 300V
- Related model : DE-19B (AVG)



DE-19A

- **Operating** : 0°C~50°C(32°F~122°F) <80% R.H.(without condensation)
- **Storage** : -10°C~60°C(14°F~140°F) <70% R.H.(without condensation)
- **Dimension** : 130(L)x81(W)x24(H)mm (5.1"x3.2"x0.95")
- **Accessories** :
 - Battery AAA 1.5V2
 - Instruction Manual1



MEASUREMENT RANGES

(23°C±5°C, 80% R.H. MAX.)

Model : DE-19A

Measurement	Range	LCD Resolution	Accuracy	Input Resistance	
$\overset{\text{A}}{\text{---}}$	66.00A	0.01A	2.0%+10	-	
	120.0A	0.1A	2.0%+5		
Measurement	Range	LCD Resolution	Accuracy	Remarks	Input Resistance
$\overset{\text{A}}{\sim}$	66.00A	0.01A	2.0%+5	Frequency range 45~400Hz	-
	120.0A	0.1A	2.0%+5		
Measurement	Range	LCD Resolution	Accuracy	Input Resistance	
$\overset{\text{V}}{\text{---}}$	660.0mV	0.1mV	1.0%+3	Approx. 10M Ω	
	6.600V	0.001V	0.5%+3		
	66.00V	0.01V	1.0%+3		
	600.0V	0.1V	1.0%+3		
Measurement	Range	LCD Resolution	Accuracy	Remarks	Input Resistance
$\overset{\text{V}}{\sim}$	660.0mV	0.1mV	1.5%+5	Frequency range 45~60Hz	Approx. 10M Ω
	6.600V	0.001V	1.5%+5	Frequency range 45~400Hz	
	66.00V	0.01V	1.5%+5	Frequency range 45~400Hz	
	600.0V	0.1V	1.5%+5	Frequency range 45~400Hz	
Measurement	Range	LCD Resolution	Accuracy	Maximum Input Voltage	
Ω	660.0 Ω	0.1 Ω	1.0%+5	600V	
	6.600k Ω	0.001k Ω	1.0%+5		
	66.00k Ω	0.01k Ω	1.0%+5		
	660.0k Ω	0.1k Ω	1.0%+5		
	6.600M Ω	0.001M Ω	2.0%+5		
	66.00M Ω	0.01M Ω	3.0%+5		
Measurement	Range	LCD Resolution	Accuracy	Open-Loop Voltage	
\rightarrow (Diode)	2.000V	0.001V	1.0%+5	Approx. 2.0V	
Measurement	Range	LCD Resolution	Remarks	Open-Loop Voltage	
\bullet --- (Continuity)	660.0 Ω	0.1 Ω	Buzzer sounds at less than 50 Ω	Approx. 0.8V	
Measurement	Range	LCD Resolution	Accuracy	Remarks	
--- (CAP)	6.600nF	0.001nF	2.0%+5	<ul style="list-style-type: none"> 6.6nF to 6.6μF ranges. Accuracy is subject to zero set by pressing relative key before forwarding measurement. 	
	66.00nF	0.01nF	2.0%+5		
	660.0nF	0.1nF	2.0%+5		
	6.600 μ F	0.001 μ F	2.0%+5		
	66.00 μ F	0.01 μ F	2.5%+5		
	660.0 μ F	0.1 μ F	2.5%+5		
	6.600mF	0.001mF	3.0%+5		
	66.00mF	0.01mF	3.0%+5		
Measurement	Range	LCD Resolution	Accuracy	Remarks	
Hz	10.0Hz~660.0Hz	0.1Hz	0.1%+5	<ul style="list-style-type: none"> Input frequency is less than 10.0Hz, the LCD shows 00.0Hz 	
	6.600kHz	0.001kHz	0.1%+3		
	66.00kHz	0.01kHz			
	660.0kHz	0.1kHz			
	6.600MHz	0.001MHz			
	66.00MHz	0.01MHz			
Measurement	Range	LCD Resolution	Accuracy	Remarks	
DUTY	10% - 94.9%	0.1%	-	<ul style="list-style-type: none"> Duty cycle is more than 94.9%, the LCD shows OL 	

DER EE

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