

## Product Datasheet - Technical Specifications



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# Sefram

# MW3526BF

## Wattmeter clamps 600A - 600kW All measurements on power installation's with performing functions

### Capabilities

- Current measurement AC/DC until 600A (TRMS AC+DC)
- Current measurement until 3000A AC with flex (option)
- Voltage measurement TRMS AC+DC until 1000V
- Power measurement, PF, THD and harmonics from 1 to 25
- Frequency measurement
- Indication of phase rotation
- Current measurement start
- Resistance measurement, continuity and diode test
- Capacity of measurement
- Lighting of measurement section at jaws opening
- Voltage detector without contact
- Memory 1000 données
- Data logger (9999 data)
- LCD with backlight
- Functions HOLD, SMART HOLD, Min, Max, Moy
- Bluetooth Interface and SEFRAM Connect application (Android and iOS)



SEFRAM Connect  
(Android® and iOS®)

### Specifications

### MW3526BF

<b>Currents AC TRMS</b>		Accuracy	current accuracy + voltage accuracy
Bandwith	50Hz to 400Hz	<b>Power factor (PF)</b>	
Range	100A, 600A	Range	-1.00 to 1.00
Resolution	0,01A	Resolution	0,01
Accuracy	±(1,5% + 5dgt)	Accuracy	±3°+1dgt
<b>Currents DC</b>		<b>Total harmonic distortion (THD) and distortion per harmonique</b>	
Range	100A, 600A	Range	0,1% to 100%
Resolution	0,01A	Resolution	0,10%
Accuracy	±(1,5% + 0,2A or 5dgt)	Accuracy THD	±(3% + 10dgt)
<b>Currents AC + DC (TRMS AC+DC)</b>		Accuracy per harmonics from H01 to H12	±(5% + 10dgt)
Accuracy	Accuracy DC + Accuracy AC	Accuracy per harmonics from H13 to H25	±(10% + 10dgt)
<b>Voltages AC TRMS et TRMS AC+DC</b>		<b>Frecuencies</b>	
Bandwith	50Hz to 500Hz	Range	20Hz to 10kHz
Range	100V and 1000V	Resolution	0,01Hz
Resolution	10mV to 100mV	Accuracy	±(0,5% + 3dgt)
Accuracy TRMS AC	±(1% + 5dgt)	Sensivity	10% to 100% of current and voltage scales
Accuracy TRMS AC + DC	±(1,7% + 7dgt)	Functions	Hold, MIN/MAX/MOY, Peak-Hold, automatic power-off voltage detector without contact, Low pass filter (HFR)
Impedance	3,5MΩ // 100pF	Datalogger	9999 measurements
<b>Voltages DC</b>		Memory	1000 data
Range	100V and 1000V	<b>Spécifications générales</b>	
Resolution	10mV to 100mV	Digital display	Large backlight LCD screen
Accuracy	±(0,7% + 2dgt)	Display	10000 dots or 4000 dots
Impedance	3,5MΩ // 100pF	Jaws opening	45mm
<b>Resistance</b>		Diameter max of conductor	37mm
Range	1000Ω, 10kΩ, 100kΩ	Measurement rate	3 measurement/s
Resolution	0,1Ω à 10Ω	Automatic power-off	After 15 minutes
Accuracy	±(1% + 5dgt)	Temperature	0°C to 50°C
Continuity	with buzzer for R<30Ω and response time of 100ms	Storage of temperature	-20°C to 60°C
Diode test	yes	Protection	Electronic on all scales
<b>Capacity</b>		Safety	600V - CAT IV and 1000V - CAT III
Range	4μF to 4000μF	Power supply	1 battery 9V - 6F22
Resolution	1nF to 1μF	Power life	50h typical (battery, without backlight)
Accuracy	±(1,9% + 8dgt)	Dimensions	88 x 242 x 51mm
<b>Peak-Hold (current and voltage)</b>		Weight	435g
Accuracy	±(5dgt)	Warranty	1 year
<b>Motor start current (Inrush)</b>			
Range	100A, 600A		
Precision	±(2,5% + 0,2A or 5dgt)		
<b>Active power</b>			
Range	10kW, 100kW and 600kW		
Resolution	1W to 100W		

Supplied with: bag, test leads touch points, user's guide, batteries.



FTMW3526BF A00 - Specifications can be updated without notice

# Sefram



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