

Sefram

MW3516BF

**Make sure to visit
our Website**
<http://www.sefram.fr>

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

Capabilities

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

 **Bluetooth**
SEFRAM Connect
(Android and iOS)



Specifications

MW3516BF

Currents AC TRMS		Range	-1.00 à 1.00
Bandwith	50Hz to 400Hz	Resolution	0,01
Range	100A, 600A	Accuracy	±5dgt
Resolution	0,01A	Total harmonic distortion and distortion per harmonic	
Accuracy	±(1,5% + 5dgt)	Range	0,1% à 100%
Voltage AC TRMS and TRMS AC+DC		Resolution	0,10%
Range	100V, 1000V	Accuracy THD	±(3% + 10dgt)
Bandwith	50Hz to 400Hz	Accuracy per harmonics from H01 to H12	±(5% + 10dgt)
Range	100V and 1000V	Accuracy per harmonics from H13 to H25	±(10% + 10dgt)
Resolution	10mV to 100mV	Frequencies	
Accuracy TRMS AC	±(1% + 5dgt)	Range	20Hz to 10kHz
Accuracy TRMS AC + DC	±(1,7% + 7dgt)	Resolution	0,01Hz
Impedance	3,5MΩ // 100pF	Accuracy	±(0,5% + 3dgt)
DC voltage		Sensitivity	10% to 100% of current and voltage scaling
Range	100V and 1000V	Fonctions	
Resolution	10mV to 100mV	Hold, MIN/MAX/MOY	
Accuracy	±(0,7% + 2dgt)	Peak-Hold, Automatic power-off	
Impedance	3,5MΩ // 100pF	Voltage detector without contact, Low pass filter (HFR)	
Resistance		Datalogger	
Range	1000Ω, 10kΩ, 100kΩ	9999 measurements	
Resolution	0,1Ω à 10Ω	Memory	
Accuracy	±(1% + 5dgt)	1000 data	
Continuity	with buzzer for R<300Ω and response time of 100ms	Main specifications	
Test diodes		Digital display	Large backlight LCD screen
yes		Display	10000 or 4000 dots
Capacity		Jaws Opening	45mm
Range	4μF to 4000μF	Diamètre max du conducteur	33mm
Resolution	1nF to 1μF	Measurement rate	3 measurement/s
Accuracy	±(1,9% + 8dgt)	Automatic power-off	after 15 minutes
Peak-Hold (current and voltage) current of motor start (Inrush)		Temperature	0°C to 50°C
Accuracy	±(3% + 15dgt)	Storage temperature	-20°C to 60°C
Range	100A, 600A	Protection	Electronic on all scaling
Accuracy	±(2,5% + 0,2A or 5dgt)	Safety	600V - CAT IV and 1000V - CAT III
Active power		Power supply	6 batteries 1,5V AAA
Range	10kW, 100kW and 600kW	Power life	50h typical (battery, without backlight)
Resolution	1W to 100W	Dimensions	103 x 243 x 55mm
Accuracy		Weight	540g
Power factor (PF)			

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



FTMW3516BF A00 - Specifications can be updated without notice

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For assistance and ordering



32, rue Edouard Martel - BP55- 42009 - St Etienne - cedex 2
Tél. +33 (0) 4.77.59.01.01
Fax. +33 (0) 4.77.57.23.23
Web : www.sefram.fr - e-mail : sales@sefram.fr