

EM-10

3 Phase Energy & Power Meter



TECH SPECS

Dimension (HxWxD) mm	96 x 96 x 52
Panel Cutout (mm)	92 x 92
Input	3 Ø 4 Wire
Voltage	230V AC
Current	5/5A To 4000/5A AC
Specification	
Range	By Front Keypad
Measuring Range	0 to 999999 kWh (Active energy)
Accuracy	Class 0.5
Power Supply	230V AC ±10%, 50 Hz

APPLICATIONS

Electrical Control Panel

Power Distribution

Instrumentation Panel

Transformer training

Technical Specifications

Meter type

3 Φ 4W

Input

Voltage	30 To 300V (L-N) 50 TO 500V (L-L)
Burden	<0.2 VA
Current	
Secondary Current	5A (Factory set)
Burden	<0.2 VA
CT Ration	5 To 4000 Programmable
Starting Current	50mA

Display & Keys

Display	6 Digit/Line 7 seg 0.56" Red LED Display
Key	(Reset/KWH), (CT/KW)
LED	R , Y , B

Calculated Parameters

Power (Phase wise & Total)	Active Power (Kw) Total
Energy (Phase wise & Total)	Active Energy (Kwh)

Auxiliary Power Supply

Power Supply	230V AC, 50Hz
Burden	2VA

Physical

Mounting Type	Panel Mount
Size (H x W x D)mm	96 X 96 X 52
Front Bezel (H x W) mm	96 X 96
Panel Cutout	92 X 92 mm
Depth Behind panel	52mm
Material	ABS
Accessory	2 Panel Mounting Clamp
Weight	300gm
Enclosure Protection	IP 65 (Front Side)
Terminal & Cable Size	Barrier Type terminal Cable Size (2.5 mm ²)

Environmental

Working Temperature	0 to 55° C
Storage Temperature	0 to 55° C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

Accuracy

Class 0.5 (Standard)