



## Technical Specification: **SINGLE PHASE WATTMETER**

<b>Model</b>	<b>TMCB-033</b>
<b>Display Parameters &amp; Range</b>	<b>Wattage measurement</b> at, Voltage range from 40V – 300Vac Current range from 0.25A to 6A (Direct operated) OR (10% - 120% of CT Ratio) Frequency range from 45Hz – 65Hz Power Factor range from 0.2 Lag – Unity – 0.2 Lead
<b>Features</b>	<ul style="list-style-type: none"> <li>• True RMS Measurement</li> <li>• One Line 4 digits Display</li> <li>• CT Ratio Programming (Range: 5/5 to 9000/5)</li> <li>• Auto decimal shifting for current (from 0.01 to 9999)</li> <li>• Bright Seven segment LED display for better readability</li> </ul>
<b>Accuracy</b>	Class 1.0 / Class 0.5 (Optional)
<b>Display</b>	One Line Seven Segment display, Size 0.56"
<b>CT Selection</b>	Programmable through Keypad
<b>Connection</b>	1-phase, 2 wire
<b>Aux. Supply</b>	170V – 260Vac, 50Hz
<b>Dimension</b>	95mm(H) x 95mm(W) x 84mm(D)

### Wiring Diagram:

Digital "Watt" Meter 1 $\phi$ 2w, 6A, 300V, Cos $\phi$ = 0.2 to 1.0					
Aux. Supply 170-260V 50Hz			40-300V ac Voltage		Current I/P (6A)
			N	L	+I (S1) -I (S2)

### Operation Manual:

1. Meter shows Wattage as it is switched-ON
2. To check the value of CT ratio programmed in the meter, press **Prog** key for 10 seconds. The meter will display its programmed value.
3. The factory setting value for CTR is **0005** (i.e. 5/5)
4. To change the CT ratio, continuously press **Prog** key for 10 seconds. The CT ratio value starts blinking. Use **↑** and **↓** key to increase or decrease the CT ratio. Press **Prog** key for 10 seconds to save the new CT ratio & exit to normal mode.



**www.technometers.in**



**customercare@technometers.in**