


## THREE-PHASE BAT-METER DATASHEET

GENERAL INFORMATION
 <p>Three-phase measuring device for connection to electrical panel, to measure separate consumption of up to 18 individual lines (kWh and power).</p> <p>The BatMeter is an electricity monitor (current, voltage and power measurement) that allows obtaining real-time consumption information from any circuit of your electrical panel.</p> <p>Up to 18 current probes (SCT) can be connected simultaneously.</p>

HOW IT WORKS?
<p>You can install the Three-phase BatMeter on the DIN rail of the building electric panel and connect the SCT probes around the wires you want to monitor.</p> <p>We recommended you fill up completely the "install planning" form and write down where have you connected the SCT probes.</p> <p>Some technical specifications:</p> <ul style="list-style-type: none"> <li>• Up to 64 samples/cycle</li> <li>• Programmable data submission</li> <li>• Minimum consumption</li> <li>• No batteries or maintenance</li> <li>• Wireless range up to 20 meters inside</li> <li>• BatMeter takes three DIN rail units.</li> <li>• Up to 18 three phase lines</li> </ul> <p>For more information refer to the installation below.</p>

INSTALLATION PLAN THREE-PHASE BAT-METER			
SCT Prove / circuit number	Name	SCT Prove / circuit number	Name
1	Example: General	10	
2		11	
3		12	
4		13	
5		14	
6		15	
7		16	
8		17	
9		18	



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### TECHNICAL DATA

Communications protocol	6LoWPAN – Ipv6 over Low Power PAN – IEEE 802.15.4
Network characteristics	Meshed, up to 200 nodes
Range	20-40 interior meters
Samples and shipping data	Up to 64 samples/cycle Programmable shipping frequency
Current transformers: amperage	5 A, 15 A, 30 A, 40 A, 75 A, 100 A, 150 A, 200A, 300 A.
Current transformers: characteristics	Voltage output up to 1 Vrms
Accuracy	Tension: $\pm 1\%$ Current: $\pm 2\%$ Power: $\pm 3\%$
Alimentation	90-265 Vac 50/60 Hz
Consumption	<1W
Dimensions	80 x 53 x 58 mm
Firmware actualization	Programming Over The Air (OTAP)