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SMART GATEWAY

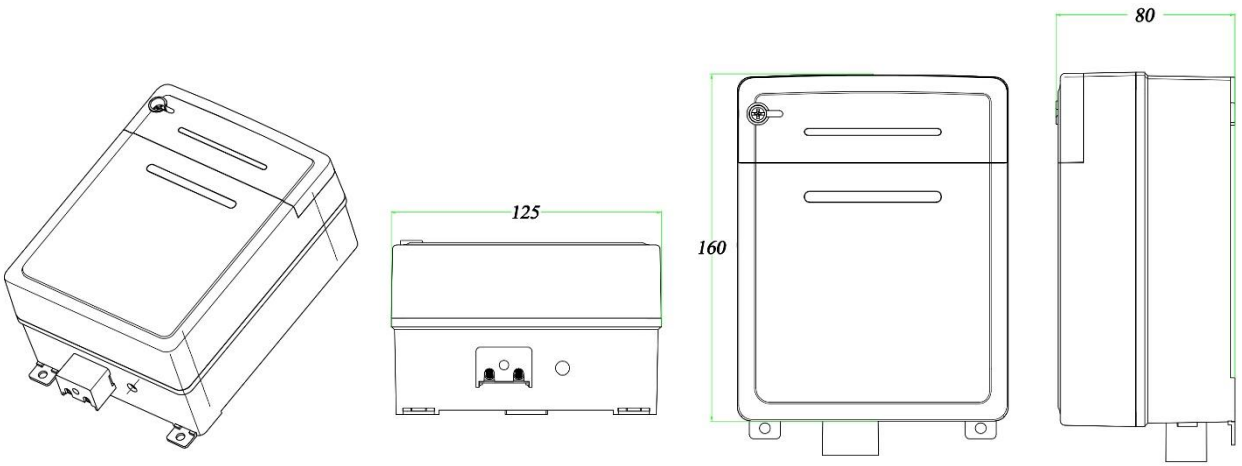
Data Concentrator Unit

A-SGW



FEATURES

Item		Description
1	Standards	• IEC 61000-4-2 (Electrostatic discharge immunity test) • IEC 61000-4-3 (Radiated, radio-frequency, electromagnetic field immunity test) • IEC 61000-4-4 (Electrical fast transient/burst immunity test) • IEC 61000-4-5 (Surge immunity test)
2	Alternate Mode	• Rechargeable Battery enables communication over 24 hours when power outage
3	Security Features	• 2 kinds of accessible passwords for management • Administration & Operation
4	Communication Distance	• At least 100m at open area
5	Body	• Polycarbonate • Unbreakable, UV stabilize and antioxidation properties
6	Functions	• Communication for meters and HES • Management for underlying meters • Power failure compensation • OMR (Offsite Meter Reading) support • Data restoration and security, etc.



EVER METER CO.,LTD
MYANMA ECONOMIC HOLDINGS PUBLIC COMPANY LIMITED INDUSTRIAL COMPLEX, INNTAKAW TSP, BAGO REGION, MYANMAR.
TEL : +95-1-511870, FAX : +95-1-511870, E-mail : evermeterfactory@gmail.com

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SMART GATEWAY

Data Concentrator Unit

A-SGW



SPECIFICATION

	Item	Description
1	Model Name	• SMART GATEWAY (A-SGW)
2	Operation Voltage	• 100 ~ 240 V
3	Operation Frequency	• 45 ~ 65 Hz
4	Operation Temperature	• -10 ℃ ~ +70 ℃
5	Power Consumption	• < 5 Watt at communication
6	Battery	• 5200 mAh
7	RTC	• 3.5 ppm
8	Nonvolatile Memory	• EEPROM (512 kByte)
9	Communication	• Built-in RF Module • Mobile (GPRS/3G/4G), PLC, Ethernet, WiFi, etc.
10	RF Module	• Frequency: 435 MHz • Modulation: FSK • Tx Power: 21 dBm • Rx Sensitivity: -115 dB
11	Mobile Modem	• GPRS (Option: 3G) • Quad-Band • SSL Encryption
12	Status Display	• LEDs for Communication and Status
13	Dimension	• 125 X 160 X 80 mm (W X H X D)

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EVER METER provides our customers with comprehensive solutions for efficient energy management. The integration of our products into existing business processes is fully supported by professional services. Our comprehensive solutions were built to develop and nourish successful long-term relationships that we have with customers.