

Electricity Meter: Compact Size 1-Phase, 2-Wire, 60A

Specification

Small Size: AMI 1-Phase 2-Wire, 60A

Spec.

- Type : 1 Phase, 2 Wire 60A (Direct / Plug-in type)
- Uninterruptible Instrumnet replacement method
- Measuring Mode : Unidirectional / Bidirectional
- Voltage Range : 176V ~ 264V
- Maximum Current : Up to 60A
- Frequency : 55Hz ~ 65Hz
- Meter Constant : 2,000 Pulse/kWh
- Accuracy : Active Class 1.0 / Reactive Class 1.0 / Apparent Class 1.0
- Security : KCMVP (Korea Cryptographic Module Validation Program)
- Contactor : Maximum Current 90A
- Battery : Li-SOCI2 / 3600mAh / 3.6V
- Size (mm) : W 95 x L 96 x H 78
- OS / Firmware Update
- Tampering Detection : Magnetic Sensing / Terminal Cover Open

Communication Method

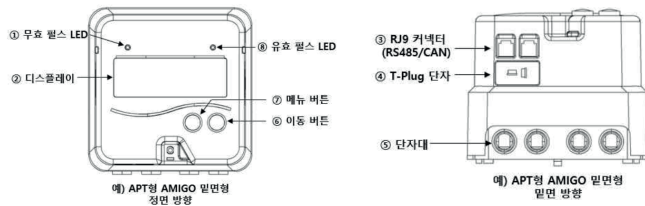
- Interface : RS485 / CAN
- Option : Built-in PLC MODEM / Built-in Wi-SUN MODEM

Detail Function

- LP Profile Records: Up to 6,240 records
- 8 Channel LP Data
 - Forward : Active / Lag Reactive / Lead Reactive / Apparent (4 Channel)
 - Reverse : Active / Lag Reactive / Lead Reactive / Apparent (4 Channel)
- Realtime Load Profile
- Watchdog
- Inventory Management Mode
- External Power Supply Plug (T-Plug)
- PLC Coupler Circuit included
- TOU , Resuming TOU Downloads
- Remote Software Update (Meter / MODEM etc.)
- User Key Button (for Menu selection , Move)
- Auto Forward/Reverse Detection mode
- Average Voltage / Current save mode

External Description and Dispal Description

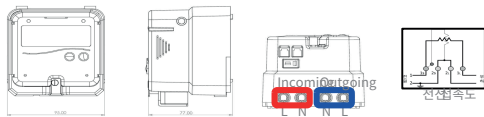
Small Size: AMI 1-Phase 2-Wire, 60A



Name	Description
① Reactive Pulse LED	(kVharh)
② Display	Information Display
③ RJ9	RS485 /CAN Connector
④ T-Plug terminal	Gateway Power Terminal
⑤ Terminal	Cable connection inlet
⑥ Menu Move Button	User Move Button
⑦ Menu Select Button	User Menu Button
⑧ Active Pulse LED	(kWh)

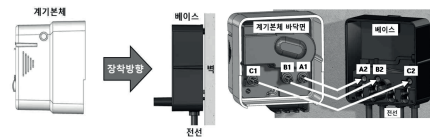
Outline Dimension

Small Size: AMI 1-Phase 2-Wire, 60A



Installation

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Application of Internation Standards

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- IEC 62052-11 Electricity Metering equipment - General requirements - Part 11
- IEC 62053-21 Electricity Metering equipment - Particular requirements - Part 21
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- Size (mm) : W 95 x L 96 x H 78
- OS / Firmware Update
- Tampering Detection : Magnetic Sensing / Terminal Cover Open

Communication Method

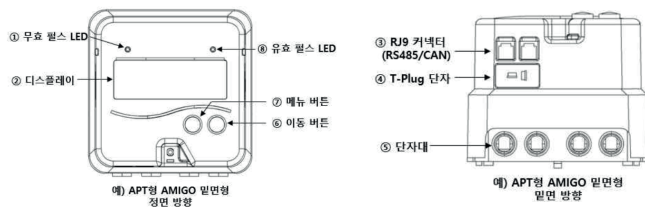
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- Option : Built-in PLC MODEM / Built-in Wi-SUN MODEM

Detail Function

- LP Profile Records: Up to 6,240 records
- 8 Channel LP Data
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- Watchdog
- Inventory Management Mode
- External Power Supply Plug (T-Plug)
- PLC Coupler Circuit included
- TOU , Resuming TOU Downloads
- Remote Software Update (Meter / MODEM etc.)
- User Key Button (for Menu selection , Move)
- Auto Forward/Reverse Detection mode
- Average Voltage / Current save mode

External Description and Dispal Description

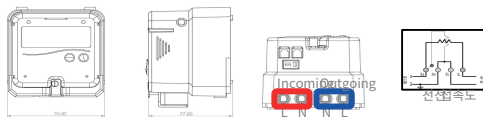
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Name	Description
① Reactive Pulse LED	(kVharh)
② Display	Information Display
③ RJ9	RS485 /CAN Connector
④ T-Plug terminal	Gateway Power Terminal
⑤ Terminal	Cable connection inlet
⑥ Menu Move Button	User Move Button
⑦ Menu Select Button	User Menu Button
⑧ Active Pulse LED	(kWh)

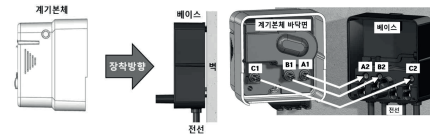
Outline Dimension

Small Size: AMI 1-Phase 2-Wire, 60A



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Electricity Meter: AMI 1-Phase, 2-Wire 60A

Specification

Electricity Meter AMI 1-Phase, 2-Wire, 60A

Spec.

- Type : 1 Phase, 2 Wire 60A (Direct / Bottom Connection Type)
- Measuring Mode : Unidirectional / Bidirectional
- Voltage Range : 176V ~ 264V
- Maximum Current : Up to 60A
- Frequency : 55Hz ~ 65Hz
- Meter Constant : 2,000 Pulse/kWh
- Accuracy : Active Class 1.0 / Reactive Class 1.0 / Apparent Class 1.0
- Security : KCMVP (Korea Cryptographic Module Validation Program)
- Contactor : Maximum Current 90A
- Battery : Li-SOCI2 / 3600mAh / 3.6V
- Size (mm) : W 115 x L 116 x H 84
- OS / Firmware Update
- Tampering Detection : Magnetic Sensing / Terminal Cover Open

Communication Method

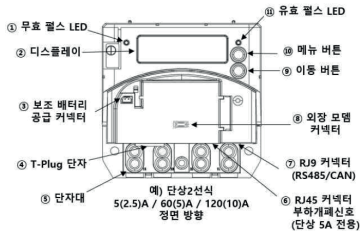
- Built-in function : RS485 / CAN / Wi-SUN MODEM
- Detachable MODEM : Wire PLC MODEM / Wireless LTE(4G) MODEM

Detail Function

- LP Profile Records: Up to 6,240 records
- 8 Channel LP Data
 - Forward : Active / Lag Reactive / Lead Reactive / Apparent (4 Channel)
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- Watchdog
- Inventory Management Mode
- External Power Supply Plug (T-Plug)
- PLC Coupler Circuit included
- TOU , Resuming TOU Downloads
- Remote Software Update (Meter / MODEM etc.)
- User Key Button (for Menu selection , Move)
- Auto Forward/Reverse Detection mode
- Average Voltage / Current save mode

External Description and Dispay Description

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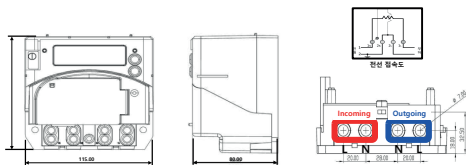


Name	Description
① Reactive Pulse LED	(kVharh)
② Display	Information Display
③ RJ9	RS485/CAN Connector
④ T-Plug terminal	Gateway Power Terminal
⑤ Terminal	Cable connection inlet
⑥ RJ45 Connector	Load switchgear connector
⑦ RJ9 Connector	Connector for RS485 or CAN
⑧ External MODEM Con.	Connector for External MODEM

Name	Description
⑨ Menu Move Button	User Move Button
⑩ Menu Select Button	User Menu Button
⑪ Active Pulse LED	(kWh)
⑫ External Output Terminal	Output pulse terminal

Outline Dimension

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Electricity Meter: AMI 1-Phase, 2-Wire 120A

Specification

Electricity Meter: AMI 1-Phase, 2-Wire 120A

Spec.

- Type : 1 Phase, 2 Wire 120A (Direct / Bottom Connection Type)
- Measuring Mode : Unidirectional / Bidirectional
- Voltage Range : 176V ~ 264V
- Maximum Current : Up to 120A
- Frequency : 55Hz ~ 65Hz
- Meter Constant : 2,000 Pulse/kWh
- Accuracy : Active Class 1.0 / Reactive Class 1.0 / Apparent Class 1.0
- Security : KCMVP (Korea Cryptographic Module Validation Program)
- Contactor : Maximum Current 90A
- Battery : Li-SOCI2 / 3600mAh / 3.6V
- Size (mm) : W 135 x L 131 x H 88
- OS / Firmware Update
- Tampering Detection : Magnetic Sensing / Terminal Cover Open

Communication Method

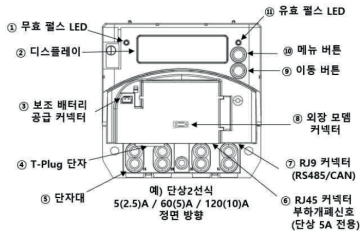
- Built-in function : RS485 / CAN / Wi-SUN MODEM
- Detachable MODEM : Wire PLC MODEM / Wireless LTE(4G) MODEM

Detail Function

- LP Profile Records: Up to 6,240 records
- 8 Channel LP Data
 - Forward : Active / Lag Reactive / Lead Reactive / Apparent (4 Channel)
 - Reverse : Active / Lag Reactive / Lead Reactive / Apparent (4 Channel)
- Realtime Load Profile
- Watchdog
- Inventory Management Mode
- External Power Supply Plug (T-Plug)
- PLC Coupler Circuit included
- TOU , Resuming TOU Downloads
- Remote Software Update (Meter / MODEM etc.)
- User Key Button (for Menu selection , Move)
- Auto Forward/Reverse Detection mode
- Average Voltage / Current save mode

External Description and Dispal Description

Electricity Meter: AMI 1-Phase, 2-Wire 120A

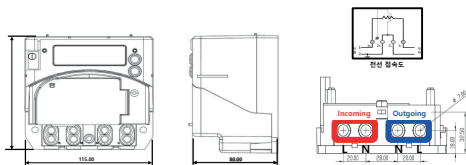


Name	Description
① Reactive Pulse LED	(kVharh)
② Display	Information Display
③ RJ9	RS485/CAN Connector
④ T-Plug terminal	Gateway Power Terminal
⑤ Terminal	Cable connection inlet
⑥ RJ45 Connector	Load switchgear connector
⑦ RJ9 Connector	Connector for RS485 or CAN
⑧ External MODEM Con.	Connector for External MODEM

Name	Description
⑨ Menu Move Button	User Move Button
⑩ Menu Select Button	User Menu Button
⑪ Active Pulse LED	(kWh)
⑫ External Output Terminal	Output pulse terminal

Outline Dimension

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