

INVERTER V

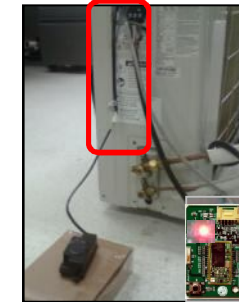
LG SIMs

❖ If engineer use the LG SIMs for check the unit operation during Installation & SVC. Installer & SVC engineer can correct diagnosis,

Specification

- Name : LG SIMs
 - LG Smart phone Inverter Monitoring System
- Operation OS
 - Android 2.2, 2,3 version Smart phone
 - Brand : LG, Samsung, Motorola, Nokia
 - ※ iphone & Blackberry phones are impossible
- Accessory : LG Bluetooth (PSBTOZ0)
- Connection
 - LG SIMs Bluetooth connect with LGMV cable in ODU
 - Operate LGSIMs app. in Smart phone.
 - ※ Bluetooth Connection Name is LG SVCXXXXX

Connection

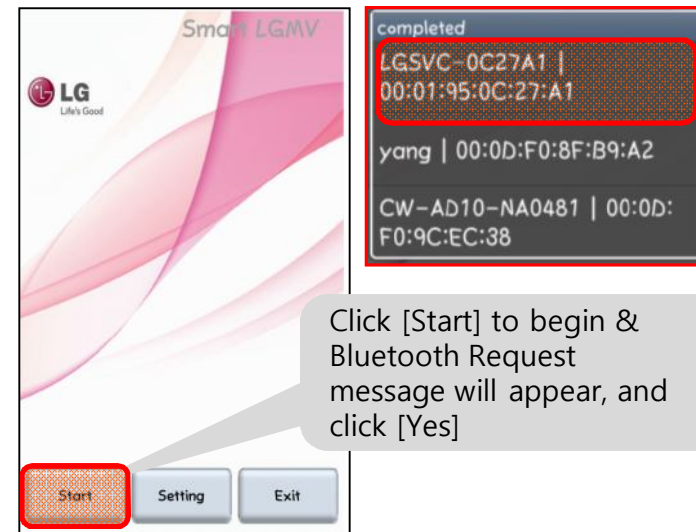
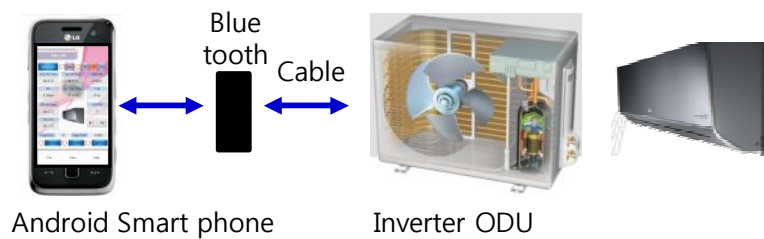


[Smart LGMV Bluetooth Module]

Method

Operation Range: -20 °C~48 °C

Connection

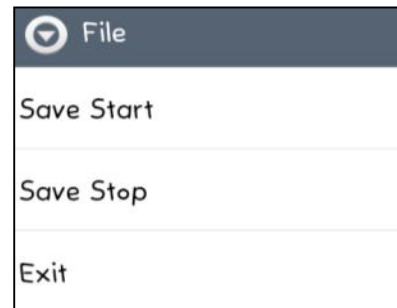


After the Bluetooth is being connected, while the **Main Info** is displayed



[Main Info]

①



File (Unit Operating Data)

[Save Start] to start saving data
 [Save Stop] to stop saving data
 [Exit] to exit from [File]

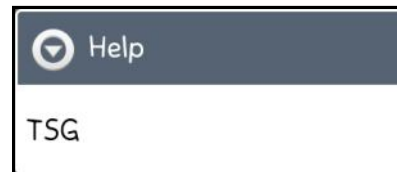
②



View

[Main Info] to view main information
 [Outdoor] to view outdoor monitoring
 [Indoor] to view Indoor monitoring
 [Graph] to monitor graph

③



Help

[TSG] to select Trouble Shooting Guide

Inverter Main Information Display

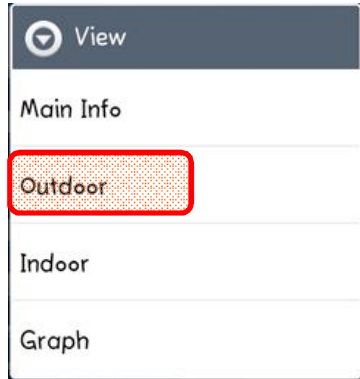
View
→ Main Info

Click on [Error Code] to go to [TSG]
Trouble shooting for Error Code will be displayed or you can go via [Help → TSG]

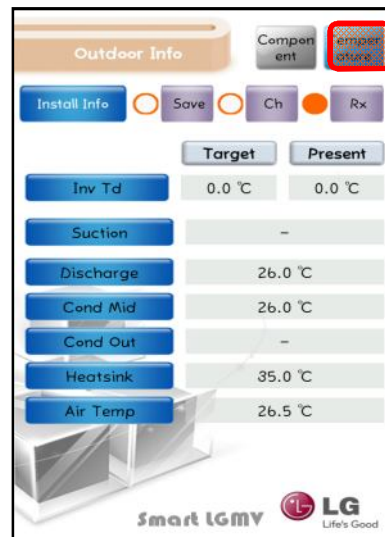
[Main Information]

Install Info	Save: Saving Data / Ch: Checking / Rx: : Connection with Bluetooth	
ODU	Mid Temp	mid-pipe temperature
	Air Temp	Air temperature
	FAN	fan rpm (BLDC)
	Freq	Inverter comp frequency
	EEV	EEV pulse
IDU	Air Temp	Room Air Temperature
	Capacity	Indoor unit capacity
	Operation	Unit operating condition (Cooling/Heating/etc.)
	FAN	fan rpm (BLDC)
	Pipe Mid	mid-pipe temperature
Mode	Rem	Remote Controller On/Off
	Thm	Thermo On/Off
	Defrost	Defrost Operation or not
Error	Error Code display (Count of error occurrence)	
Max Limit	(Comp Step Limit)Inverter comp frequency limitation	

Outdoor Unit Information Display



View
→ Outdoor Monitoring



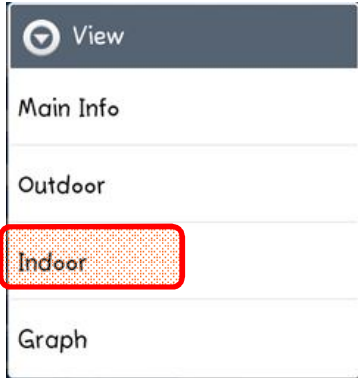
[Outdoor Unit Information Component]

Frequency	Inverter comp target/current frequency
FAN1 RPM	Outdoor Fan1 target/current rpm
FAN2 RPM	Outdoor Fan2 target/current rpm
DC Link	DC Link target/current voltage
Current	Input current
Voltage	Input voltage
Restart Timer	Restart timer
Comp Mode	Compressor operation status
EEV Mode	EEV operation status
EEV	EEV pulse

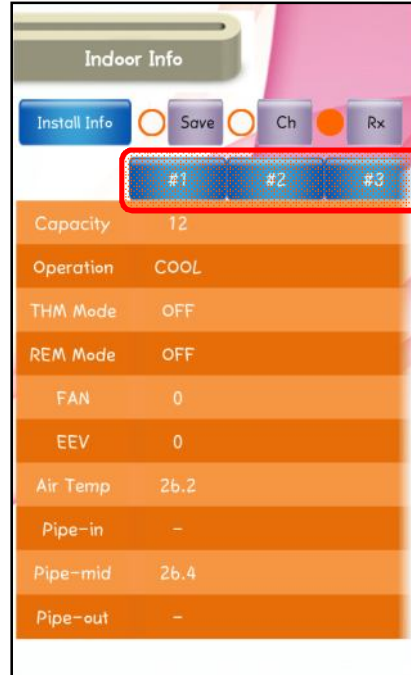
[Outdoor Unit Information Temperature]

Inv Td	Target/current discharge temperature
Suction	Suction temperature
Discharge	Discharge temperature
Cond. Mid	Condenser mid-pipe temperature
Cond. Out	Condenser out-pipe temp
Heatsink	Heatsink temperature
Air Temp	Outdoor temperature

Indoor Unit Information Display



View
→ Indoor monitoring

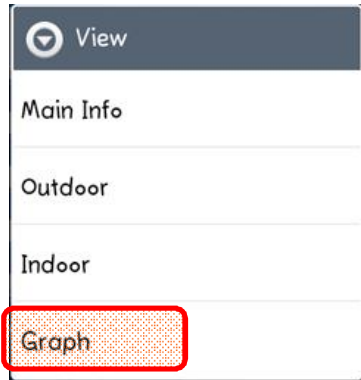


[Indoor Unit Information]

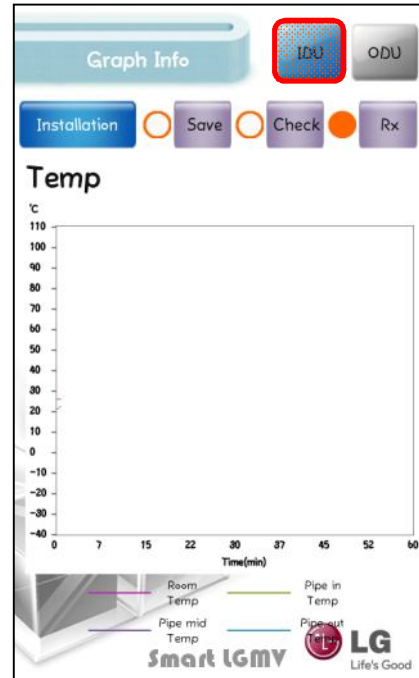
Capacity	Indoor unit capacity
Operation	Unit operating condition (Cooling/Heating/etc.)
THM Mode	Thermo On/Off
REM Mode	Remote Controller On/Off
FAN	Fan RPM
EEV	EEV pulse
Air Temp	Room/Indoor side Temperature
Pipe-in	pipe-in temperature
Pipe-mid	pipe-mid temperature
Pipe-out	pipe-out temperature

※ User can indoor monitoring maximum by 16Unit

Graph monitoring

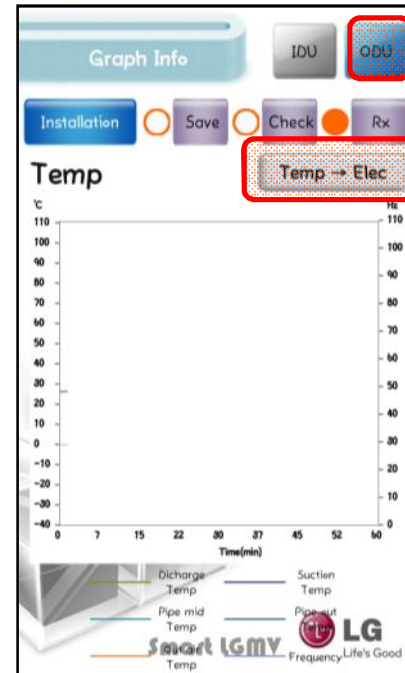


View
→ Graph

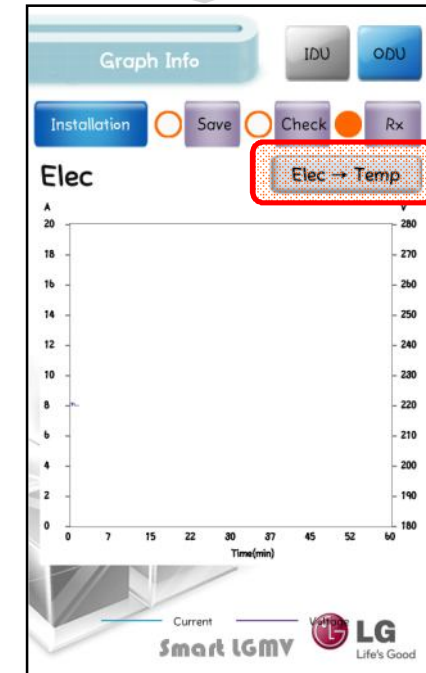


Indoor Unit Temperature Graph
Disp. Items: Room Temp,
Pipe in/mid/out Temp

Outdoor Unit Electric related Graph
Click [Elect → Temp] to change graph type.
Disp. Items: Current & Voltage



Outdoor Unit Temperature Graph
Click [Temp → Elect] to change graph type.
Disp. Items: Discharge, Suction, Pipe mid/out,
Out Air Temp & Comp Frequency



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions,

may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur

in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be

determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received.

Including interference that may cause undesired operation.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

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