

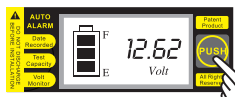
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SPORT

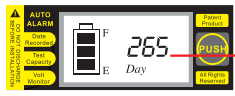
[EN] READ THIS MANUAL CAREFULLY BEFORE INSTALLATION

This battery features an LCD screen that displays the battery status in real time and records the days the battery has been in use. An alarm informs the user of abnormal voltage or low capacity, so maintenance may be performed to extend the service life of the battery.

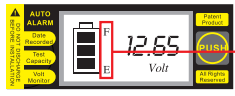




Press the PUSH button to switch the display between voltage and days record.



The record of days in use will start automatically when the battery is installed.



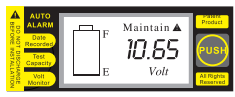
The battery has two states, activated or unactivated.

a) The battery is unactivated when delivered from the factory, indicated by "E, F" flashing. Days record is not displayed and the acoustic warning is inactive.

b) When the battery is installed and the engine started, the battery will be activated automatically. When the battery is successfully activated, "E, F" stops flashing. The days record is set to 1 day, and starts counting up to 1999 days. The days record cannot be changed and data will not be lost when power fails.







c) The battery may be activated within 3-5 days due to different models of motorcycles or personal habits of use. It is normal for the battery days record to have a variance of 3%.

d) Manual activation is strongly recommended: press the PUSH button for more than 10s.



ALARM SOUND: Indicates low capacity or abnormal voltage.

LCD SCREEN

NO.	BATTERY STATUS		MEANING
	POWER	FLASHING	
1		-	Power<10%
2		-	30%<Power<60%
3		-	60%<Power<90%
4		-	Power>90%
5		FLASHING	Power <10%, charge or maintain the battery!
6		FLASHING	Battery is overcharged, maintain the battery or the charging circuit!

FEATURES

- 100% Pre-delivery inspection to ensure stable quality and reliable performance.
- Pb-Ca grid alloy battery plate, low water loss, and sound performance uniformity.
- Completely sealed, maintenance free, low self-discharge rate, good sealing properties.
- Injected with GEL electrolytes, this battery offers excellent performance in working temperatures ranging from -30°C to 65°C.
- The GEL electrolytes result in higher capacity and longer float life of 4-6 years.
- The built-in chip monitors the status of battery in real time. Low capacity or voltage abnormalities trigger an alarm. Furthermore, the chip records the number of days the battery has been in use.

INSTRUCTIONS FOR USE

- The battery has three working modes: normal mode, power-saving mode and sleep mode.
 - Normal mode:** The LCD screen is always lit up until it enters power-saving or sleep mode. The battery will automatically enter the normal mode within 3-5 days after the battery is installed.
 - Power-saving mode:** If there has been no button-press or voltage change in a period of time, the LCD screen shuts down. After 4 minutes, it will display again automatically for 5 seconds before shutting down again. This cycle repeats automatically.
 - Sleep mode:** If power falls below 5%, the battery goes into sleep mode. In this mode, all display and warning functions are disabled. To re-enter normal mode, the user has to manually press the PUSH button slowly twice at an interval of 5 seconds.
- Function of the Alarm:
 - If the battery is activated, any abnormal voltage changes cause the warning "Maintain!" to flash at the top of the screen. Also, the battery will emit an alarm sound every 3-5 minutes.
 - In the case of an alarm sound, the LCD screen will display the voltage abnormality.
 - If users do not take any measures within about half an hour, the battery will automatically shut off the warning sound. About four hours later, the sound will start again. After repeating 3 times, the sound will stop, but the LCD screen will continue flashing.
 - To shut off the warning manually: press the PUSH button once.
 - Press the PUSH button twice to delete the abnormal voltage records.

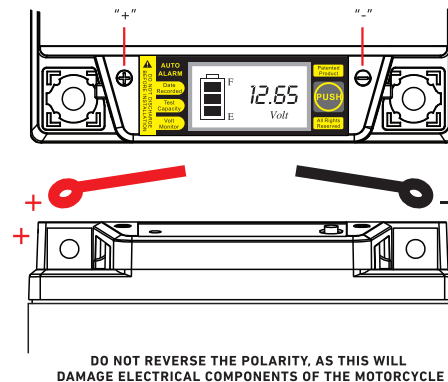
WARNINGS AND SAFETY ADVICE



- The electrolytes inside the battery will corrode metal, cotton products and stone.
- Do not place the battery upside down or on its side to prevent acid leakage.
- Operation and discharging of the battery will generate hydrogen which will result in an explosion upon contact with sparks or fire. Follow these safety instructions:
 - Perform maintenance and use the battery only in a well ventilated environment.
 - Avoid any sparks and flame while the battery is in maintenance.
 - If the battery is charging outside the vehicle, let it rest for at least 10 minutes before installing to allow the generated hydrogen to dissipate.
 - After riding the motorcycle, do not remove the battery immediately. Let it rest for at least 10 minutes.
 - During charging, the ambient temperature should not be over 45°C. If it's hotter, cool with water or by reducing the charging current and charging voltage.
- Do not place any metal tools or conducting materials near the terminals to avoid a short circuit.
- Do not strike the terminals with a hammer during installation.
- When carrying the battery, avoid bumping it into other objects.

INSTALLATION AND MAINTENANCE

- Always connect the positive terminal first.



Caution:

- Sometimes the battery can't activate depending on the performance of different vehicles. Start the engine several times or step on the gas to get the battery to activate.
 - Manual activation is recommend to achieve exact record of days.
- While filling acid, wear acid-proof clothes, rubber boots, shield glass and rubber glove etc. If the skin and clothes are splashed by acid, wash with large quantities of water. Seek medical help if necessary.
 - DO NOT over-discharge the battery. Charge the battery soon after discharging.
 - Uninstall the battery or disconnect the negative terminal if the motorcycle won't be in service for a long time.
 - DO NOT check if the battery has power or not by short-circuiting the terminals.
 - Regularly check the terminal connection and make sure the surface of the terminals is clean.
 - Store the battery in a dry, ventilated place without direct sunshine at 5-25°C. Keep the battery at least 2m away from the nearest heat source. Regularly check and service the battery.
 - Maintenance of the LCD screen:
 - Protect the screen from scratches.
 - Keep the screen clean and dry.
 - Regularly check status of screen.
 - Pay attention the warning sound.
 - Perform maintenance if there is a warning sound.

Instructions for charging after prolonged storage:

	Stored up to 3 months	Stored 3 - 6 months	Stored for longer than 6 months
Install directly	Charging voltage ≤14.5V Charging current ≤ 0.2C Charging time: 2-3hrs	Charging voltage ≤ 14.5V Charging current ≤ 0.2C Charging time: 4-6hrs	

THESE FACTORS SHORTEN BATTERY SERVICE LIFE

- High ambient temperature.
- The battery has been kept charging with high current.
- The connection between terminal and cable of motorcycle is loose.
- The battery has been kept lacking electrolytes.
- The drive belt of the engine is loose.
- The motorcycle is started frequently.
- The battery was not uninstalled and the negative terminal not disconnected if the motorcycle wasn't in service for a long time.
- The battery was injected with non-standard electrolytes or water.