



ECU TE126

For the 6 linear cylinder
Gas Engine Generators



Introduction

An engine control unit (ECU), is a type of electronic control unit that controls a series of actuators on an internal combustion engine to ensure optimal engine performance. It does this by reading values from a multitude of sensors within the engine bay, interpreting the data using multidimensional performance maps, and adjusting the engine actuators. For perfect performance, ignition signals must be measured with very high precision in the range of microseconds.

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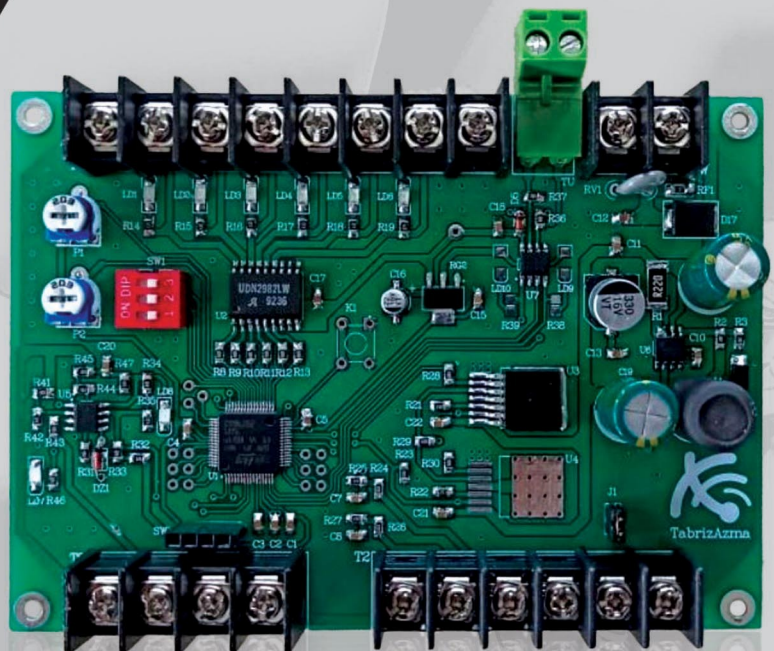
Henz

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The ECU manufactured by TabrizAzma electronics contains “ Self-Diagnostic “ system which in case of Occurrence of any problem , It automatically cuts off the ignition outputs . This unique product of the company has many advantages in compare of other similar products . Reducing emissions, reducing fuel consumption and noise caused by generator engine operation are just some of them. This engine control unit (ECU) can be used in any generators that works with gas .

ECU
CNG

Henz-TE126





ECU



Features

- Processing of motor's sensors
- Accurate ignition timing to start the engine
- switching power supply with 12 & 24 volt inputs
- ability to connect various sensors like camshaft, flywheel, temperature sensor, oil sensor and etc.
- 6-temporal ignition system with the ability to drive 6 pump units
- Ability to automatically control the engine speed by controlling the inlet throttle
- RS485 connection for customization settings
- WATCHDOG mechanism in order to being able to recovery as soon as possible
- EMC electromagnetic compatibility and noise immunity
- Protection against overcurrent and overvoltage
- Processing system to reduce emissions and reduce fuel consumption
- -25 to +85°C Operating temperature
- Perfect performance even with existence all kinds of electronic interference
- Ability to start the device instantly
- High stability of the product
- High-security of software and hardware
- Considered all safety measures to prevent damage to the engine
- Hardware protection against overvoltage, undervoltage and noises
- Small product volume due to "Embedded " management of the system



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