



# HYUNDAI HY 5500 E-ATS DYNAMIC 5.8 KW GENERATOR

## Product description:

HYUNDAI HY 5500 E-ATS PETROL GENERATOR DYNAMIC AVR

HYUNDAI HY 5500 E-ATS PETROL GENERATOR DYNAMIC AVR with a maximum single-phase power of 6.3 kW powered by petrol and equipped with an AVR voltage regulator: a compact, easy-to-handle generator with simple maintenance.

HYUNDAI HY 5500 E-ATS SINGLE-PHASE is equipped with a socket panel featuring 2 x 230V SINGLE-PHASE and a protection breaker.

## OVERVIEW OF THE HYUNDAI HY 5500 E-ATS GENERATOR

What needs does the HYUNDAI HY 5500 E-ATS 5.8 kW generator meet?

Firstly, it solves power outage issues during blackouts in various settings, from homes to businesses.

The HYUNDAI HY 5500 E-ATS generator is also used to supply electricity at construction sites and for hobby use. These professional generators are lightweight, easy to transport, compact, robust, user-friendly, and economical to maintain. They also offer excellent value for money.

## WHAT COMPONENTS MAKE UP THE HYUNDAI HY 5500 E-ATS PETROL GENERATOR DYNAMIC AVR?

The components of the generator are:





- The engine, which generates mechanical energy from fuel. It can run on petrol, diesel, methane, LPG, or alternative fuels like biodiesel and biomass.
- The alternator of the HYUNDAI HY 5500 E-ATS generator, which converts mechanical energy into electrical energy. It can be 2 or 4 poles, with brush or brushless excitation, AVR voltage regulator, capacitor, compound, or digital AVR.
- The electrical panel, which distributes the electricity produced by the alternator safely. It protects both the generator components (oil, temperature, fuel alarms, etc.) and the connected loads (circuit breaker, differential switch, emergency stop switch, interlocked sockets, etc.).
- The base frame, on which the engine, alternator, and panel are mounted. The base is present in both open and enclosed generators. It can be fixed or mounted on wheels for easy transport.
- The canopy, present only in enclosed generators, often includes soundproofing material to ensure noise reduction. In this case, the generator is called silenced or soundproof. There are various levels of soundproofing, from semi-silenced to super-silenced, depending on the amount of sound-absorbing material used.

### **TECHNICAL SPECIFICATIONS OF THE HYUNDAI HY 5500 E-ATS GENERATOR:**

Maximum Single-Phase Power: 5.8 kW

Continuous Single-Phase Power: 5.5 kW

Fuel: Petrol

Voltage: 230 V

Frequency: 50 Hz

Starting System: Electric

Fuel Consumption: 1.63 L/h at 50% load

Length: 730 mm

Width: 560 mm

Height: 610 mm

Weight: 85 kg

AVR





ATS included

## AVR REGULATOR INSTALLED ON THE HYUNDAI HY 5500 E-ATS PETROL GENERATOR DYNAMIC AVR

AVR stands for Automatic Voltage Regulator. It is an electronic device capable of stabilizing the generator's output voltage within a 1% range, making it suitable for powering electronic equipment such as home appliances, computers, and tools with sophisticated electronics.

The HYUNDAI HY 5500 E-ATS PETROL GENERATOR DYNAMIC AVR can be equipped with lifting hooks, making it easy to move using an overhead crane or small lifting device.

An AVR-equipped version is also available.

ATS stands for Automatic Transfer Switch. It is a device (usually an external panel or integrated into the generator structure) that detects power outages from the grid and sends a start signal to the generator, switching the load from the grid (ENEL or other provider) to the generator. When grid power returns, the ATS checks the quality and consistency of the voltage (are voltage and frequency within standard limits? Are there voltage dips?), and if stable for a preset threshold time, it switches the load back to the grid and sends a shutdown signal to the generator.

Looking for a different model of HYUNDAI HY 5500 E-ATS PETROL GENERATOR DYNAMIC AVR? Visit the section dedicated to land generators.

Images and technical data are not binding. Always refer to the technical sheet provided by the manufacturer. Manel Service accepts no responsibility for any changes made by the manufacturer.

### **Product features:**

Phase: Single phase

Maximum power single phase (KW): 5.8

Continuous power single phase (KW): 5.5

Maximum power single phase (KVA): 6.5

Continuous power single phase (KVA): 6





Fuel: Gasoline

Frequency (Hz): 50

Voltage (V): 230

Sockets configuration: 1x 32A

Engine: HY390

Engine rpm (rpm): 3000

Starting system: Elettrico

Engine capacity (cm<sup>3</sup>): 389

Alternator: B110

Poles: 2

Single-phase power (KVA): 5.8

