

WHAT'S THE AGENDA IN THE WORLD OF ELECTRIC MOTORS

From 16 June 2011 new legislation comes into force in all EU countries. The new engines will be divided into classes called IE (International Efficiency) followed by a sequential number. The higher the number, the greater the efficiency class, only class motors IE2 (which corresponds roughly to the previous EFF. 1) can be produced and imported in the EU countries. This means that the use of the engine now available in "increased efficiency" (EFF.I) will become mandatory from June 16, 2011 (IE2), with further subsequent deadlines will be to produce engines with ever higher yields.

(NEW RULES ARE EXCLUDED FROM THE MOTORS)

The legislation tomorrow

To clarify we show a summary diagram of the deadlines that the Act provides:

CLASS OF COMMON ENGINE MARKETING TODAY EFF.2 = IE1 (STANDARD) UNTIL 15.06.2011

FROM 16.06.2011

2/4/6 POWER POLE WITH ENGINES FROM 0.75 TO 375 kW MUST HAVE MINIMUM EFFICIENCY IE2 (HI) - 2011 -

FROM 01.01.2015

/4/6 POWER POLE WITH ENGINES FROM 7.5 TO 375 kW MUST HAVE MINIMUM EFFICIENCY IE3 (Premium) OR IE2 IF SUPPLIED WITH INVERTER - 2015 -

FROM 01.01.2017

2/4/6 POWER POLE WITH ENGINES FROM 0.75 TO 375 kW MUST HAVE MINIMUM EFFICIENCY IE3 (Premium) OR IE2 IF SUPPLIED WITH INVERTER - 2017 -

REPORT ON THE PLATE WILL BE REQUIRED:

- Nominal efficiency (*ri*) To load and maximum rated voltages of 75% and 50% load and nominal voltage (V)
- IE2 or IE3 efficiency
- Year of manufacture