85.02 - Electric generating sets and rotary converters.

- Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines) :

8502.11 - - Of an output not exceeding 75 kVA

8502.12 - - Of an output exceeding 75 kVA but not exceeding 375 kVA

8502.13 - - Of an output exceeding 375 kVA

8502.20 - Generating sets with spark-ignition internal combustion piston engines

- Other generating sets :

8502.31 - - Wind-powered

8502.39 - - Other

8502.40 - Electric rotary converters

(I) ELECTRIC GENERATING SETS

The expression " generating sets " applies to the combination of an electric generator and any prime mover **other than an electric motor** (e.g., hydraulic turbines, steam turbines, wind engines, reciprocating steam engines, internal combustion engines). Generating sets consisting of the generator and its prime mover which are mounted (or designed to be mounted) together as one unit or on a common base (see the General Explanatory Note to Section XVI), are classified here **provided** they are presented together (even if packed separately for convenience of transport).

Electric generating sets for welding equipment are classified in this heading when presented separately, without their welding heads or welding appliances. However, they are **excluded** (**heading 85.15**) when presented together with their welding heads or welding appliances.

(II) ELECTRIC ROTARY CONVERTERS

These consist essentially of a combination of an electric generator and a prime mover consisting of an electric motor permanently mounted on a common base, though in certain cases the two functions are combined in one unit with certain windings in common. They are used to transform the nature of the current (to convert from AC to DC or vice versa) or to change certain characteristics such as the voltage, frequency or phase of alternating current (to convert, for example, the frequency of 50 to 200 cycles or to transform single phase to three phase current). Another type of rotary converter (sometimes known as a rotary transformer) is used to convert DC from one voltage to another.

PARTS

Subject to the general provisions regarding the classification of parts (see the General Explanatory Note to Section XVI), parts of the machines of this heading are classified in **heading 85.03**.