European Aviation Safety Agency

European Technical Standard Order (ETSO)

Subject: ENGINE-DRIVEN DIRECT CURRENT GENERATORS/STARTER GENERATORS

1 — Applicability
This ETSO gives the requirements which engine-driven direct current generators/starter generators that are manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

2 — Procedures
2.1. — General
Applicable procedures are detailed in CS-ETSO, Subpart A.

2.2 — Specific
None.

3 — Technical conditions
3.1 — Basic
3.1.1 — Minimum performance standard

3.1.2 — Environmental standard
See CS-ETSO, Subpart A, paragraph 2.1.

3.1.3 — Software
If the Engine-Driven Direct Current Generator/ Starter Generator and the associated voltage regulators include a digital computer, see CS-ETSO, Subpart A, paragraph 2.2, for software development.

3.1.4 — Airborne electronic hardware
See CS-ETSO, Subpart A, paragraph 2.3.

3.2 — Specific
None.
4 — Marking

4.1 — General
Marking is detailed in CS-ETSO, Subpart A, paragraph 1.2.

4.2 — Specific
In addition to the information specified in §4.1, the following information is required:
(1) Means of indicating if the article is a D.C. generator or a D.C. starter generator;
(2) Nominal power output (electrical voltage and watts);
(3) Mechanical power input requirements (pad requirements).

5 — Availability of referenced document
See CS-ETSO, Subpart A, paragraph 3.