



DESIGN SPECIFICATIONS

High quality, reliable and long life complete power unit.
 Compact design
 Easy start and maintenance possibility.
 Every generating set is subject to a comprehensive test Programme which includes standard full load and functions testing.



400 / 230 V - 50Hz				ABG 8	ABG 10	ABG 14
Power Factor 0.8	Standby	NG / LPG	kVA	8 / 9	10 / 11	14 / 15
	Prime	NG / LPG	kVA	6 / 7	8 / 9	12.5 / 13.5

Standby: Standby duty operation, under variable load, without over load.
Prime: Continuous duty operation, under variable load 24 / 24h - 10% over load permissible 1 hour / 12 hours

STANDARD GENSET SPECIFICATIONS

ENGINE

BRIGGS & STRATTON natural gas engines.
 Electronic ignition
 Overhead valve (OHV) design
 12 Volt D.C. starter and charge alternator.
 Replaceable air filter and oil filter.
 Cast oil cooler.
 Industrial capacity exhaust silencer.
 Starter battery (with lead acid) including rack and cables.
 Manual and circuit diagram documents.

ALTERNATOR

Single bearing system, 2 pole.
 Class H insulation system.
 The standard degree of protection IP23
 Self - exciting and self - regulating.

CHASSIS

Steel chassis and antivibration pads.

QUALITY STANDARDS

The equipment meets the following standards: EN60034 - 1, VDE 0530,
 The generating set is manufactured by a full accredited ISO 9001 NQA

CONTROL SYSTEMS

Automatic System (with DSE 704 AMF Module)

Full automatic supervision for system auxiliary.
 Wall type cubical panel and equipments.
 DSE 704 AMF automatic start, control module.
 1 Volt, Frequency, Amperemeter with LED.
 Hour run meter.
 Emergency stop button.
 Static battery charger.
 Alternator output circuit breaker (on the genset).

DSE 704 AMF Module Standard specifications:

Automatic mains failure supervision (3 Phase).
 Engine supervision and protection.
 Automatic generator start and stop control.
 Easy operation with push button
 Stop - Manual - Automatic
 Micro processor based design.
 Mains failure level setting (low voltage).
 Mains / Generator transfer control.
 Remote start input.

DSE 704 AMF Module Alarm and Status Notice LED's

Low oil pressure (shutdown).
 Over speed (shutdown)
 Generator and main ready / online

Automatic Transfer Switch

Change over switch with contractor is included automatic control panel.

Manual System

Genset is started by key switch
 Load is applied by circuit breaker

Power Output:

Generator power output circuit breaker is installed on genset



DSE 720