The GreenTech Series is a sustainable generator solution designed to reduce environmental impact through alternative fuel compatibility, low emission levels, and reduced noise output. With HVO fuel support and advanced exhaust and safety systems, it ensures compliance with environmental standards and significantly reduces carbon emissions. The GreenTech Series offers lifecycle performance certified by EPD and LCA. Through the use of recycled and bioplastic materials, hybrid-ready infrastructure, and environmentally conscious production processes, the GreenTech Series contributes to long-term sustainability goals.

3 Phase,50 Hz, PF 0.8

V	(ESP)		(PRP)		(A)
	kW	kVA	kW	kVA	
400 / 231	52.8	66	48.0	60	95

备用额定值（ESP）适用于在可靠电源断电期间向变化的电力负载供电。
ESP符合ISO 8528-1。不允许过载。

主用功率（PRP）适用于在不受限制的时间内为变化的电力负载供电。PRP符合ISO 8528-1。在12小时的周期内允许1小时的10%过载能力。

	AC 66 - GTS
Hz	50
	Diesel
	Cummins 4BTAA3.3-G13
	Mecc Alte ECP 32-2M/4 C
	DSE 8610
	GTS 10

	Cummins
	4BTAA3.3-G13

04/08/2026

	4 cylinders - in line
mm	95
mm	115
lt.	3.3
	19.0:1
rpm	1500
kW/HP	63/84
kW/HP	58/78
	1
	500
	Electronic
	Dry Type
	Turbo Charged and Charge Air Cooled
lt	7.9
˚C	120
	Diesel
	Bosch Mechanical
	N/A
Vdc	24 Vdc
/Ah	2x55
	Water Cooled
	5
m³/min	10.68
kPa	10
˚C	491
kW	45
Pa	125

04/08/2026

100% lt/hr	14
75% lt/hr	11
50% lt/hr	7

	Mecc Alte
	ECP 32-2M/4 C
Hz	50
KVA	62.5
V	400
	3
	DSR
	1
	H
	IP23
	0.8
kg	212
	H
(m³/min)	15.7

	2150
mm	1050
mm	1516
	1070
lt	240

	2760
mm	1100
mm	1641
kg	1320
lt	240

	DSE

04/08/2026

DSE 8610

MODBUS

- Menu navigation buttons
- Close mains button
- Main Status and instrumentation display
- Alarm LED's
- Close generator button
- Status LED's
- Operation selecting buttons

The DSE8610 is an easy to use multi-generator loadshare system, designed to synchronise up to 32 generators including electronic and non-electronic engines.

The DSE8610 monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder. The event log will record 250 events to facilitate easy maintenance. An extensive number of fixed and flexible monitoring, metering and protection features are included as well as comprehensive communication and system expansion options.

Components installed in sheet steel enclosure.
Phosphate chemical, pre-coating of steel provides corrosion resistant surface
Polyester composite powder topcoat forms high gloss and extremely durable finish
Lockable hinged panel door provides for easy component access

Control panel is mounted inside the container base frame on robust free-standing located at the side of generating set with properly panel visibility.

High oil temperature - Shutdown
Low fuel level - Shutdown
Low fuel level - Alarm

ELECTRO MAGNETIC COMPATIBILITYBS EN 61000-6-2
EMC Generic Immunity Standard for the

04/08/2026

High fuel level - Alarm
Customizable load control in parallel with the network
Wide range of ECU support
Highly configurable
Timers, Internal PLC, Force values and more are compatible with ComAp's InteliVision displays
Active e-mail messaging and SMS with communication modüle

industrial Environment
BS EN 61000-6-4
EMC Generic Emission Standard for the industrial Environment

ELECTRICAL SAFETY
BS EN 60950
Safety of Information Technology Equipment, including Electrical Business Equipment

TEMPERATURE
BS EN 60068
Ab/Ae Cold Test -30oC
BS EN 60068-2-2
Bb/Be Dry Heat +70oC

VIBRATION
BS EN 60068-2-6
Ten sweeps in each of three major axes
5Hz to 8Hz @ +/-7.5mm, 8Hz to 500Hz @ 2gn

HUMIDITY
BS EN 60068-2-30
Db Damp Heat Cyclic 20/55oC @ 95% RH 48 Hours
BS EN 60068-2-78
Cab Damp Heat Static 40oC @ 93% RH 48 Hours

SHOCK
BS EN 60068-2-27
Three shocks in each of three major axes 15gn in 11mS
DEGREES OF PROTECTION PROVIDED BY ENCLOSURES BS EN 60529
IP65 - Front of module when installed into the control panel with the supplied sealing gasket.

Battery charger is manufactured with switching-mode and SMD technology and it has high efficiency.
Battery charger models' output V-I characteristic is very close to square
2405 has full output short circuit protection and ıt can be used as a current source.
2405 charger has high efficiency, long life, low failure rate, lightweight and low heat radiated in accordance with linear alternatives.
The charger is fitted with a protection diode across the output.
Charge fail output is available.
Connect charge fail relay coil between the positive output and CF output.
Input: 196-264V.
Output: 27,6V 5A or 13,8V 5A.

- Water cooled, Diesel engine
- Radiator with mechanical fan
- Protective grille for rotating and hot parts
- Electric starter and charge alternator

04/08/2026

- Starting battery (with lead acid) including rack and cables
- Engine coolant heater
- Base frame design incorporates an integral fuel tank and anti-vibration isolators
- Flexible fuel connection hoses
- Single bearing, class H alternator
- Automatic synchronising and power control system (Multi gen-set Parallel)
- Industrial exhaust silencer and steel bellows supplied separately(for open sets)
- Static battery charger
- Manual for application and installation

指令

- 2006/42/EC : Machinery Safety Directive
- 2014/30/EU : Electromagnetic Compatibility Directive
- 2014/35/EU : Low Voltage Directive

标准

- TS ISO 8528-5:2022 / TS EN ISO 8528-13:2018 : Reciprocating internal combustion engine-driven alternating current generating sets- Part:13: Safety

Quality Management Systems
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
ISO 27001:2013
ISO 10002:2018