

GENERATING SET

GE 225 IS - ISX

- IVECO Aifo Diesel engine, water-cooled with electronic speed regulation.
- Brushless alternator with electronic voltage regulation
- New control panel unit "GECO" with the following features:
 - Automatic Mains Failure (AMF) logic
 - Engine protection - high water temp., low oil press., overspeed, low fuel
 - More than 40 selectable alarms
 - Protection against short-circuits and overcurrents in the generator
 - Graphic display - water temp., oil press., fuel level, battery voltage, engine speed, phase and line voltages, currents, cos ϕ , power
 - Multilanguage messages: English, French, German, Italian, Spanish
- Prepared for connection to PAC 200 load transfer switch
- Central lifting eye
- Complies with all EEC safety and noise directives



Base equipment unit 										
	Diesel engine	Water cooling	Electric starter	Battery 24V (2 x 12V)	Siren	Emergency stop button	Central lifting eye	Synchronous alternator	Electronic voltage regulator	Terminal strip
To be required with the order 										
	GECO Unit	Engine shut down oil	Engine shut down temp.	Engine shut down overspeed	Fuel level gauge	Battery charge allarm	Hour counter	Overload and short circ. protection	Main, gen., battery	Main, generator
Options on request 	● GFI Kit			● Eater Kit ● Fuel charging pump kit		● REMOTE CONTROL - Direct connetion via RS - 232 - Connection via RS - 485				
	● PAC 200			● Volt/Hz regulators kit					● Bafflers ● Earthing Kit MT35	

Technical data

GE 225 IS

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A.C. GENERATION		50 Hz, three-phase, synchronous alternator, self-excited, self-regulated, brushless	
* Three-phase power (stand-by)	220 kVA (176 kW) / 400 V / 318 A		
* Three-phase power (P.R.P.)	200 kVA (160 kW) / 400 V / 289 A		
Power factor (cos φ)	0.8		
Insulating class	H		
* Output according to ISO 8528-1			
ENGINE		Diesel, 4-stroke, water cooled	
Type	IVECO - aifo 8361 SRi 26		
# Output (stand-by)	205 kW (278.5 HP)		
# Output (P.R.P.)	185 kW (251.5 HP)		
Speed	1500 rpm		
Displacement	8100 cm ³		
Cylinders	6		
Fuel consumption	205 g/kWh		
# Output according to ISO 3046/1			
GENERAL SPECIFICATIONS			
Tank capacity	250 l		
Running time (Load 75%)	7.5 h		
Protection	IP 44		
Dimensions Lxwxh (mm)*	3850x1300x1850		3850x1300x1850
Weight*	2800 kg		2850 kg
Noise level**	99 LWA (74 dB(A) - 7 m)		95 LWA (70 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC Directive 536			

Values shown are nominal values. For further information please contact the sales department.