

Equipment dotazioni



OUTSIDE - CANOPY

Fully weatherproof sound attenuated enclosure IP 32 (polyester class 1)
Snap handles with key lock
Air inlet and air outlet Winding protection against water
Direction pipe with rain cap

MAINTENANCE - INSTALLATION - ENVIRONMENT

Inspection doors located to facilitate controls and servicing
Battery compartment externally accessible for easy service
Fuel gauge, engine temperature, oil pressure
Emergency stop button
Magnetothermal switch for machine protection
Anti pollution Bunded base with external draining point
Power outlet for easy installation
Hot and rotating components protection guards
Daily fuel tank with inspection hatch to allow cleaning
Startup battery (pre-charged)
Engine Air filtration system with cartridge
External oil drain points
CE conformity declaration - Test report (factory tested at full load conditions) - User and maintenance manuals

HANDLING

Central lifting lug with integrated lifting structure
Anti-turning forklift pockets

INSIDE

Tropicalized radiator
Low fuel level shutdown automatic system
High coolant temperature and low oil pressure shutdown system
Engine liquids (oil and antifreeze) - Engine pre-heater 230V
Internal residential muffler -35 dbA
AVR Automatic Voltage Regulator - Earth leakage point
Anti vibrating mounting pads
Self-regulated and self-excited alternator
Battery charging alternator - Machine electric wiring IP 44

ESTERNO

Cofanatura IP 32 insonorizzata con materiale in poliestere classe 1
Maniglie con serratura a chiave e di chiusura automatica
Speciali setti di aspirazione ed espulsione aria
Scarico con uscita a pipa

MANUTENZIONE - INSTALLAZIONE - AMBIENTE

Portelle di ispezione per facilitare controlli e manutenzione
Compartimento porta batteria accessibile esternamente
Indicatore livello carburante, temperatura refrigerante, pressione olio
Pulsante stop d'emergenza
Interruttore magnetotermico di protezione macchina
Vasca di raccolta liquidi con foro di drenaggio
Uscita cavi per una facile installazione
Protezione parti rotanti e parti calde
Serbatoio giornaliero con boccaporto per ispezione e pulizia
Batteria d'avviamento precaricata
Filtraggio aria motore a cartucce
Condotta estrazione olio motore da esterno
Dichiarazione conformità CE e test report (a condizioni di pieno carico) Manuale di uso e manutenzione

MOVIMENTAZIONE

Gancio centrale di sollevamento integrato nella struttura portante
Telaio con rinforco antiribaltamento

INTERNO

Radiatore tropicalizzato
Sistema automatico di spegnimento per mancanza carburante
Sistema di spegnimento alta temperatura refrigerante, bassa pressione olio
Liquidi motore (olio e antigelo) - Scaldiglia preriscaldamento motore 230V
Marmitta residenziale interna -35dbA
AVR Regolatore elettronico di tensione - Punto di Messa a terra
Antivibranti a campana per isolamento dalle vibrazioni e livello sonoro
Alternatore autoregolato ed autoeccitato
Carica batteria alternatore - Cablaggio macchina IP 44

Optional 105 - 250 kVA



Canopy

Double soundproof -3 dbA
Canopy customized painting (RAL)
IP43 Conveyors
Stainless steel or galvanized canopy
Removable doors vasistas
Aspiration/expulsion plate with automatic lock

Engine & Alternator

Oil change pump
Anti -sand filter
Webasto system heater
Double start up battery kit
Battery DC circuit breaker
-40 C° Engine liquids
Automatic refilling oil system
Permanent magnet

Fuel supply

Automatic fuel refilling system on board
120/500 lt on trestle Automatic fuel refilling system
Double or single wall tank
Oversized big tank
Tank connections 3 way valve

Exhaust

Rain cap for exhaust discharge
Exhaust flex tube
(FAP) Antiparticulate
Exhaust catalyst

Cofanatura

Doppia insonorizzazione - 3 dbA
Verniciatura personalizzata (RAL)
Convogliatori IP 43
Cofanatura in acciaio inox o zincato
Aperture vasistas
Griglia aspirazione/espulsione con chiusura automatica

Motore e Alternatore

Pompa estrazione olio
Filtri aria anti-sabbia
Webasto
Kit doppia batteria d'avviamento
Staccabatterie DC
Liquidi motore -40 C°
Sistema rabbocco olio automatico
Magnet permanente

Alimentazione combustibile

Sistema automatico travaso carburante a bordo ge
Sistema di travaso automatico esterno 120/500 lt
Cisterna mono o doppia parete
Serbatoio grande autonomia
Attacchi cisterna esterna con valvola 3 vie

Scarico

Protezione anti-pioggia scarico
Tubo flex per scarico all'esterno
Filtro antiparticolato (FAP)
Catalizzatore



nicolletti International

105 - 250 kVA GENERATING SETS

50 Hz 1500 r.p.m. 400/230 V 60 Hz 1800 r.p.m. 480/240 V

Fully weatherproof and soundproof

MS Series
105 - 250 kVA



FABRICCATO 100% IN
MANUFACTURED 100% IN
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FABRICADO 100% EN

ITALIA



nicolletti
International

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Technical data 105 - 250 kVA

GS Model	Power 50 Hz 400/230V					Power 60 Hz 480/240V					GS Data						Engine										
	LTP Standby power		PRP Prime power			LTP Standby power		PRP Prime power			Dimensions A x B x C (cm)	Weight (kg)	Fuel Tank capacity (lts)	Autonomy @ 3/4 load 50 (Hz)	Acoustic pressure level @ 1 mt (dba)	Acoustic pressure level @ 7 mt (dba)	Acoustic Power level LWA (dba)	Manufacturer	Model	Speed governor type	Emissions	Cylinders numbers&arrangement	Displacement (cm3)	Aspiration type	Gross Power PRP 1500 rpm (KWm)	Fuel consumption @ 70% load (lt)	
	kVA	kWe	kVA	kWe	A	kVA	kWe	kVA	kWe	A																	
105																											
GE.VO.115\105.SS	115	92	105	84	152	115	92	103	82	124	300x120x170	1590	450	28,1	74	65	90	Volvo	TAD 531 GE	CAN-BUS	Stage 2	4L	4760	Turbo	86	16	
GE.DZ.110\105.SS	112	90	106	85	153	117	94	111	89	134	300x120x170	1660	450	27,3	74	65	90	Deutz	BF4M 1013EC	Electronic	Stage 2	4L	4764	Turbo	92,8	16,5	
GE.CU.110\105.SS	110	88	100	80	145	-	-	-	-	-	300x120x170	1760	450	26,8	76	67	92	Cummins	6BTA5.9G5	Electronic	Stage 1	6L	5900	Turbo	92	16,8	
130																											
GE.AI.138\125.SS	138	110	125	100	181	158	126	144	115	173	300x120x170	1780	450	23,2	75	66	91	Iveco	NEF N67SM1	Mechanic	Stage 2	4L	6700	Turbo	110	19,4	
GE.DZ.140\130.SS	137	110	130	104	188	148	118	141	113	170	300x120x170	1760	450	20,9	75	66	91	Deutz	BF4M 1013 FC	Electronic	Stage 2	4L	4764	Turbo	119,5	21,5	
GE.VO.150\135.SS	150	120	135	108	195	151	121	135	108	163	300x120x170	1650	450	22,7	75	66	91	Volvo	TAD 532 GE	CAN-BUS	Stage 2	4L	4760	Turbo	114	19,8	
GE.PK.150\136.SS	150	120	136	109	197	170	136	155	124	187	300x120x170	1710	450	20,9	76	67	92	Perkins	1006C-E66TAG2	Electronic	Stage 2	6L	5990	Turbo	121	21,5	
GE.PK.151\137.SS	150	120	136	109	197	170	136	155	124	187	300x120x170	1710	450	21,6	76	67	92	Perkins	1006TAG3	Electronic	Stage 1	6L	5990	Turbo	122	20,8	
GE.CU.150\135.SS	150	120	136	109	197	158	126	144	115	173	300x120x170	1810	450	20,1	77	68	93	Cummins	6BTA5.9G3	Electronic	Stage 1	6L	5900	Turbo	116	22,4	
150																											
GE.AI.176\160.SS	176	141	160	128	231	187	150	170	136	205	360x130x190	2040	450	17,8	76	67	92	Iveco	NEF N67TM3A	Mechanic	Stage 2	4L	6700	Turbo	138	25,3	
GE.VO.165\150.SS	165	132	150	120	217	172	138	155	124	187	360x130x190	1970	450	19,2	76	67	92	Volvo	TAD 731 GE	CAN-BUS	Stage 2	6L	7150	Turbo	133	23,4	
GE.PK.165\150.SS	165	132	150	120	217	188	150	169	135	204	360x130x190	2090	450	19,2	76	67	92	Perkins	1006C-E66TAG3	Electronic	Stage 2	6L	5990	Turbo	129	23,4	
GE.PK.166\151.SS	165	132	150	120	217	-	-	-	-	-	360x130x190	2090	450	16,2	76	67	92	Perkins	1006TAG2	Electronic	Stage 1	6L	5990	Turbo	130	27,8	
GE.CU.176\160.SS	176	141	160	128	231	-	-	-	-	-	360x130x190	1950	450	17,2	77	68	93	Cummins	6BTA5.9G5	Electronic	Stage 1	6L	5900	Turbo	145	26,1	
GE.DZ.170\160.SS	172	138	164	131	237	180	144	171	137	206	360x130x190	2030	450	18,5	77	68	93	Deutz	BF6M 1013EC	Electronic	Stage 2	6L	7150	Turbo	142,2	24,3	
180																											
GE.PK.205\185.SS	198	158	180	144	260	224	179	200	160	241	360x130x190	2360	450	16,2	77	68	93	Perkins	1006C-E66TAG4	Electronic	Stage 2	6L	5990	Turbo	158	27,8	
GE.DZ.200\180.SS	206	165	180	144	260	226	181	190	152	229	360x130x190	2140	450	14,3	76	67	92	Deutz	BF6M 1013FCG2	Electronic	Stage 2	6L	7150	Turbo	166	31,5	
GE.CU.205\185.SS	200	160	182	146	263	220	176	200	160	241	360x130x190	2190	450	15,0	78	69	94	Cummins	6CTA8.3G2	Electronic	Stage 1	6L	8300	Turbo	163	30	
GE.VO.205\185.SS	205	164	185	148	267	227	182	203	162	244	360x130x190	2180	450	16,2	77	68	93	Volvo	TAD 732 GE	CAN-BUS	Stage 2	6L	7150	Turbo	160	27,8	
250																											
GE.VO.275\250.SS	275	220	250	200	361	287	230	255	204	307	360x130x190	2390	450	11,5	77	68	93	Volvo	TAD 734 GE	CAN-BUS	Stage 2	6L	7150	Turbo	216	39,1	
GE.PK.250\230.SS	251	201	228	182	329	270	216	245	196	295	360x130x190	2550	450	13,5	77	68	93	Perkins	1306CE87TAG4	Electronic	Stage 2	6L	8700	Turbo	198	33,4	
GE.PK.275\250.SS	275	220	250	200	361	-	-	-	-	-	360x130x190	2640	450	12,5	77	68	93	Perkins	1306CE87TAG6	Electronic	Stage 2	6L	8700	Turbo	217	36,1	
GE.CU.275\250.SS	275	220	250	200	361	313	250	284	227	342	360x130x190	2350	450	9,2	77	68	93	Cummins	QSL9G3	Electronic	Stage 3	6L	8900	Turbo	227	49	
GE.DZ.275\250.SS	279	223	250	200	361	300	240	260	208	313	360x130x190	2390	450	12,7	77	68	93	Deutz	TCD 2013 L06 4V	Electronic	Stage 2	6L	7150	Turbo	216	35,3	

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Control panels sistemi di comando

QPE-C-V

The QPE-C panel represents the evolution of the panels for the control and management of the generating set, with its microprocessor logic it is able to meet any user-requested features. In fact, the dual operation mode **MANUAL** or **AUTOMATIC** guarantees to every type of functionality protection, analysis and control of the generating set in order to make the management easy and efficient.

Variant +010 unit is equipped with switching on board, where variant +011 has separate switching inside a wall or floor ATS panel.



IVECO



VOLVO



QPE-C-VSC (variant +011)
Automatic panel without switching on board



QPE-C-VCC (variant +010)
Automatic panel with switching on board

Optional

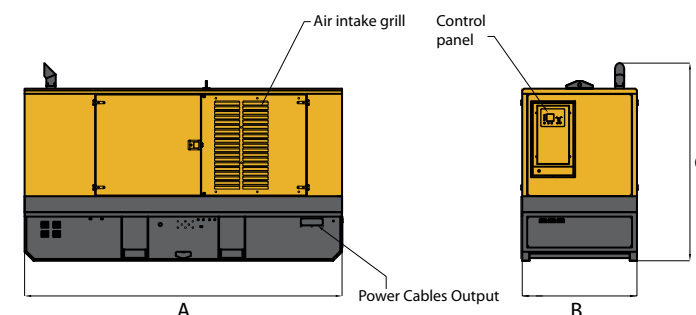
ATS Changeover switch (QC)
Telemonitoring
Remote panel
Raising 4/14 alarms
GSM modem remote monitoring
UTIF counter with ARCUDI terminal box
Anti-theft GPS remote control
Radio control
Powerlock connector
Socket module
Differential protection (adjustable)
Special voltages

Accessori

ATS Quadro di commutazione (QC)
Telegestione
Pannello remoto
Rilancio 4/14 allarmi
Modem GSM gestione remota
Contatori UTIF con morsetteria ARCUDI
Antifurto GPS
Radiocomando
Morsetti rapidi di potenza
Modulo prese
Protezione differenziale (regolabile)
Tensioni speciali

All Generating sets are compliant to CE Marking
• 89/336/WEC Electromagnetic compatibility
• 97/68/WEC Exhaust emission directive
• 2000/14/CE Noise Emission in The Environment by Equipment for use outdoors
• CEI EN 61000-6-2 : EMC - Electromagnetic Compatibility
Part. 6-2 : General regulations - Immunity on industrial application

• CEI EN 61000-6-4 : EMC - Electromagnetic Compatibility
Part. 6-4 : General regulations - Emission on industrial application
• Factory-designed systems built at ISO 9001:2008
• One year limited warranty covering all systems and components



Sensitive to Environment