



QIS 470
QIS 510
QIS 580
QIS 630
QIS 700
50Hz



Atlas Copco

Technical data

Generator data	QIS 470	QIS 510	QIS 580	QIS 630	QIS 700
Voltage (V)	400/230	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50	50
Prime Power PRP (kVA)	410	460	524	571	635
Prime Power PRP (kW)	328	368	419	457	508
Standby Power LTP (kVA)	470	509	580	630	700
Standby Power LTP (kW)	376	407	464	504	560
Performance class	G2	G2	G2	G2	G2
Noise level*					
Acoustic pressure [LpA] (dB(A) at 7m)	73	73	76	76	76
Acoustic power [LwA] (dB(A))	98	98	101	101	101
Engine					
Make	Doosan	Doosan	Doosan	Doosan	Doosan
Model	P158 LE	DP158 LC	DP158 LD	DP180 LA	DP180 LB
Prime power (kW)	328	368	419	457	508
Standby power (kW)	376	407	464	504	560
Speed	1500	1500	1500	1500	1500
No. of cylinders	8	8	8	10	10
Cooling type	Water	Water	Water	Water	Water
Speed control	Electronic	Electronic	Electronic	Electronic	Electronic
Alternator					
Model	ECO40-2S	ECO40-3S	ECO40-1L	ECO40-1,5L	ECO40-2L
Continuous power at 125°/40° (kVA)	450	500	550	620	680
Standby power at 163°/27° (kVA)	491	546	601	670	735
IP alternator	21	21	21	21	21
Excitation system	MAUX	MAUX	MAUX	MAUX	MAUX
AVR model	DSR +/-1%				
Capacity and fuel consumption					
Fuel tank capacity (Liters)	1100	1100	1100	1100	1100
Fuel consumption 75% Prime power (L/h)	65,1	72,9	83,4	94,2	103,8
Fuel autonomy 75% Prime power (hour)	16,9	15,1	13,2	11,7	10,6
Fuel consumption 75% standby power (L/h)	74,8	80,5	91,1	103,0	113,6
Fuel autonomy 75% standby power (hour)	14,7	13,7	12,1	10,7	9,7
Weight and Dimensions					
Length (mm)	4800	4800	4800	4800	4800
Width (mm)	1800	1800	1800	1800	1800
Height (mm)	2395	2395	2395	2395	2395
Weight (kg)	4708	4966	4966	5294	5500
Mechanical structure	Soundproofed	Soundproofed	Soundproofed	Soundproofed	Soundproofed
Control panel					
Model - standard	7320	7320	7320	7320	7320
Battery Charger	9255-24V 5A				

* Values of CE compliant models. Please consult for non CE.

KEY FEATURES & BENEFITS

- Reliable product thanks to its design and use of high-quality components.
- Multi operation configurable control panel easy to upgrade.
- One main lifting point for fast, easy and safe handling.
- Smarter and safer installation with its vertical power cable outlet through the frame.
- High working temperature tolerance.
- Excellent accessibility and serviceability that allows easy cleaning of the radiator and convenient access to the alternator.
- Spillage-free frame, internal filling inlet and easy, clean drainage of all liquids.
- Easy, fast and clean coolant refilling.
- Installation-friendly design thanks to its dual-position air outlet.
- Excellent accessibility and superior serviceability.
- To be used in the most noise-sensitive areas. Different noise-attenuation level enclosures.
- Canopy designed for long-lasting durability in top condition. Durable rustproof canopy, ensuring genset protection.

OPTIONS

EASY INSTALLATION

External fuel tank connection kit	●
Shock absorber mounts	●
Lifting beam	○

PERFORMANCE

Fuel filter with water separator	●
Automatic fuel filling kit	●
Coolant heater	●
Earth Leakage Relay	○
Cold-weather kit	○

NOISE ATTENUATION

From light to super sound-proof enclosures	○
Silencer noise-attenuation levels for open-skid versions	○

VERSATILITY

Remote monitoring and control via Webnet/3G/Ethernet	●
Remote display	●
Digital inputs/outputs expansion modules	●
Different control modules	○
GPS system via external module	○
Single-set communications device TCP/IP (RS485)	○

MAINTENANCE EFFICIENCY

Battery isolator switch	●
Hot parts protection.	○
Option or as retrofit kit: ● Option: ○	

APPLICATIONS



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