QIS 470
QIS 510
QIS 580
QIS 630
QIS 700
QIS 735
QIS 830

50Hz

Gesan line, your solution for
Predictable Power.

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TECHNICAL DATA

Performance data		QIS 470	QIS 510	QIS 580	QIS 630	QIS 700	QIS 735	QIS 830
Rated frequency	Hz	50						
Voltage (1)	V	400/230						
Prime Power PRP	kVA	410	460	524	571	635	680	752
Prime Power PRP	kW	328	368	419	457	508	544	601
Standby Power ESP	kVA	470	509	580	630	700	735	830
Standby Power ESP	kW	376	407	464	504	560	588	664
Performance class		G2						
Noise level								
Max. Sound power level (LWA) acc. to 2000/11/EC OND	dB(A)	98	98	101	101	101	101	101
Max. Sound pressure level (LPA) at 7m (23ft)	dB(A)	73	73	76	76	76	73	73
Engine								
Model		DOOSAN P158 LE	DOOSAN DP158 LC	DOOSAN DP158 LD	DOOSAN DP180 LA	DOOSAN DP180 LB	DOOSAN DP222 LB	DOOSAN DP222 LC
Prime Power	kW_m	328	368	419	457	508	545	601
Standby Power	kW_m	376	407	464	504	560	602	664
Speed	rpm	1500						
No. of cylinders		8			10	12		
Cooling Type		Water						
Speed Control		Electronic						
Alternator								
Model		ECO40-2S	ECO40-3S	ECO40-1L	ECO40-1,5L	ECO40-2L	ECO40-2L	ECO43-1SN
Continuous power at 125°/40°	kVA	450	500	550	620	680	680	800
Standby power at 163°/27°	kVA	491	546	601	670	735	735	874
IP alternator		IP 21						
Excitation system		MAUX						
AVR model		DSR +/-1%						
Capacity and fuel consumption								
Capacity fuel tank / with optional long autonomy fuel tank	l	1100					1285	
Fuel consumption 75% Prime power	l/h	65,1	72,9	83,4	94,2	103,8	109,2	119,1
Fuel autonomy 75% Prime power	h	16.9	15,1	13,2	11,7	10,6	11,8	10,8
Fuel consumption 75% standby power	l/h	74,8	80,5	91,1	103	113,6	120,4	129,1
Fuel autonomy 75% Standby power	h	14	13	12	10	9	10	10
Control panel								
Model -- standard		7320						
Battery Charger		9255-24V 5A						
Dimensions & weight								
Mechanical structure		soundproofed						
L x W x H	mm	4800 x 1800 x 2395					4800 x 1800 x 2575	
Weight (dry / wet)	kg	4708	4966	4966	5294	5500	6023	6200

Dimensions & weight		QI 470	QI 510	QI 580	QIS 630	QI 700	QI 735	QI 830
Mechanical structure		open skid						
L x W x H	mm	3335 x 1800 x 2315					3620 x 1800 x -	
Weight (dry)	kg	3568	3831	3984	4155	4361	4841	6125

(1) Other voltage available, please consult.

KEY BENEFITS

- Easy installation
- Performance
- Noise attenuation
- Versatility
- Maintenance efficiency

STANDARD FEATURES

- Reliable product thanks to its design and use of hight-quality components
- 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
- Excellent accesibility and superior serviceability
- To be used in the most noise-sensitive areas
- Canopy designed for long-lasting durability in top condition. Durable rustproof canopy, ensuring genset protection
- Fuel filter separator for optimal performance

ELECTRICAL OPTIONS

- External fuel tank connection kit
- Automated fuel filling kit
- Coolant heater
- Earth Leakage Relay
- Cold wheater kit
- Single phase configuration
- Remote monitoring and control via Webnet/3G/Ethernet
- Remote display
- Digital inputs/outputs expansion modules
- 7320 controller
- Single-set communications device TCP/IP (RS485)
- Battery isolator switch

MECHANICAL OPTIONS

- Lifting beam
- Shock absorber mounts
- Silencer*

*Only for openskid model

PREDICTABLE POWER

Atlas Copco Predictable Power brings customers in the on-site generator and power generation business peace of mind with solutions that combine low cost of ownership, reliable performance and risk-free operation. Predictable Power is our core value and the guiding principle for how we design, test, build, commission and service our generators.

Atlas Copco

SEGMENTS

DATA CENTERS | HEALTHCARE | UTILITIES | INDUSTRY

RETAIL & RECREATION | TELECOMMU-NICATIONS | PUBLIC & GOVERNMENTAL | TRANSPORT

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QIS 400
QIS 450
QIS 500
QIS 540
QIS 610
QIS 710
QIS 740

60Hz

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TECHNICAL DATA

Performance data		QIS 400	QIS 450	QIS 500	QIS 540	QIS 610	QIS 710	QIS 740
Rated frequency	Hz	60						
Voltage (1)	V	480/277						
Prime Power PRP	kVA	450	526	572	642	692	808	849
Prime Power PRP	kW	360	421	458	514	554	646	679
Standby Power ESP	kVA	500	563	625	680	764	893	925
Standby Power ESP	kW	400	450	500	544	612	714	740
Performance class		G2						
Noise level								
Max. Sound power level (LWA) acc. to 2000/11/EC OND	dB(A)	98	98	101	101	101	101	101
Max. Sound pressure level (LPA) at 7m (23ft)	dB(A)	73	73	76	76	76	73	73
Engine								
Model		P158 LE	DP158 LC	DP158 LD	DP180 LA	DP180 LB	DP222 LB	DP222 LC
Prime Power	kW_m	360	421	458	514	554	646	679
Standby Power	kW_m	413	466	506	567	612	714	751
Speed	rpm	1800						
No. of cylinders		8			10		12	
Cooling Type		Water						
Speed Control		Electronic						
Alternator								
Model		ECO40-2S	ECO40-3S	ECO40-1L	ECO40-1,5L	ECO40-2L	ECO40-2L	ECO43-1SN
Continuous power at 125°/40°	kVA	480	540	600	660	744	816	865
Standby power at 163°/27°	kVA	528	594	660	726	818	898	952
IP alternator		IP 21						
Excitation system		MAUX						
AVR model		DSR +/-1%						
Capacity and fuel consumption								
Capacity fuel tank / with optional long autonomy fuel tank	l	1100					1285	
Fuel consumption 75% Prime power	l/h	74,7	83,4	92,9	106,6	114,2	127,7	134,4
Fuel autonomy 75% Prime power	h	14,7	13,2	11,8	10,4	9,6	10	9,6
Fuel consumption 75% standby power	l/h	86	91,4	101	116,7	125,2	140,4	147,2
Fuel autonomy 75% Standby power	h	12,8	12	10,9	9,5	8,8	9,2	8,7
Control panel								
Model -- standard		7320						
Battery Charger		9255-24V 5A						
Dimensions & weight								
Mechanical structure		soundproofed						
L x W x H	mm	4800 x 1800 x 2395					4800 x 1800 x 2575	
Weight (dry / wet)	kg	4708	4966	4966	5294	5500	6023	6200
Dimensions & weight		QI 400	QI 450	QI 500	QIS 540	QI 610	QI 710	QI 740
Mechanical structure		open skid						
L x W x H	mm	3335 x 1800 x 2315					3620 x 1800 x -	
Weight (dry)	kg	3490	3778	3831	4099	4155	4948	4948

(1) Other voltage available, please consult.

KEY BENEFITS

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