

Diesel&Gas
Performance
Generator
Solution
Power
Efficiency
Engine
Reliability
know-how
Innovation
High-tech
TSACO-Diesel.com

TSACO
DIESEL & GAS
GENERATORS

شرکت فنی مهندسی توسعه صنایع دیزلی مبنا (تصاکو) با بیش از یک دهه سابقه در زمینه تولید، فروش و خدمات پس از فروش انواع دیزل ژنراتور و ژنراتور گازسوز با کادری مجرب و متخصص آماده ارائه بهترین خدمات به مشتریان گرامی می باشد.

به پشتوانه اعتماد مشتریان خود، تصاکو توانسته است با تامین و ارائه محصولات با کیفیت مطابق با نیاز مشتریان خود در پروژه های عظیم ساختمانی، بیمارستانی، فناوری اطلاعات IT، فرودگاهی، صنایع نفت، گاز و پتروشیمی، فولاد، معادن و فلزات، سیمان، صنایع سنگین، صنایع غذایی و دارویی اطمینان خاطر مشتریان عزیز را به طور کامل فراهم نماید.

این شرکت مفتخر است، با برقراری ارتباط مستقیم با بزرگترین و معتبرترین تولید کنندگان بین المللی موتور و ژنراتور، محصولاتی با کیفیت از سایز 1KVA تا 3000KVA، مجهز به قطعات اورجینال به همراه خدمات مهندسی و پس از فروش را به مشتریان خود ارائه نماید تا با افزایش طول عمر دستگاه ها و نیاز اندک به نگهداری و تعمیرات موجب کاهش هزینه مالی و انسانی مشتریان گردد.

همچنین تصاکو به عنوان نمایندگی رسمی فروش و خدمات پس از فروش کمپانی معظم AKSA یکی از معتبر ترین پکیجر ها در زمینه کویلینگ دستگاه های مولد برق، طیف متنوعی از دیزل ژنراتور های کوپله فابریک را به سبد محصولات خود اضافه نموده است و قدرت انتخاب بیشتری را، نسبت به سایر رقبای، در اختیار شما خریداران محترم قرار می دهد تا ضمن خرید دیزل ژنراتور از OEM رسمی برندهای معتبر اروپایی بتوانید از مزایای گارانتی بین المللی و معتبر محصولات این شرکت در ایران به طور کامل استفاده نمایید.

در این راستا کلیه دستگاه های ارائه شده مجهز به معروفترین موتورهای جهان همچون:

CUMMINS - PERKINS - VOLVO - DOOSAN - MITSUBISHI - GM

و همچنین برترین نام های آژنراتور همچون:

STAMFORD - MECCALTE

بنا به انتخاب مشتری و متناسب با نیاز خاص هر پروژه می باشد.

تامین و تولید تابلوهای برق اضطراری (ATS)، تابلو های سنکرون (Synchronization Panel)، کانوپی و کانتینر های عایق صدا - رطوبت و کلیه ملزومات مورد نیاز از دیگر خدمات ما به مشتریان می باشد.

همچنین مشاوره جهت گزینش مولد برق متناسب با شرایط کاری و محیطی هر پروژه و ارائه خدمات مهندسی شامل: نقشه های اجرای فونداسیون، تامین هوای ورودی و خروجی، لوله کشی اگزوز و سوخت متناسب با شرایط معماری پروژه، انجام خدمات EPC و TURN-KEY جهت پروژه های خاص از خدمات اصلی این شرکت به مشتریان می باشد.

تصاکو همواره پاسخگویی به اعتماد مشتری و نیز رضایتمندی مشتریان را به عنوان شعار اصلی در سرفلوحه اهداف خود قرار داده است و در این راستا شبکه خدمات پس از فروش این شرکت در سطح کشور پاسخگوی نیاز خریداران محترم در رابطه با تامین قطعات یدکی، خدمات مورد نیاز در دوره گارانتی و همچنین نگهداری محصولات پس از اتمام دوره گارانتی می باشد، تا بتواند مهمترین نیاز تمامی مشتریان خود یعنی احساس آرامش و امنیت مطلق را در زمان استفاده از محصولات خود به ارمغان آورد.

TSACO

THE BEST POWER SOLUTION



Cummins, approaching 100 years of diesel engine production, is a global power leader that designs, manufactures, sells and services diesel engines and related technology around the world.

THE POWER OF MORE

G-Drive's product range boasts reliable and durable diesel and natural gas engines. Diesel G-Drive engines are offered from 10 to 2750 kVA Prime Power at 50 Hz and 9 to 2500 kWe Prime Power at 60 Hz, while Gas G-Drive engines are offered from 47 to 138kWe Continuous at 50 Hz and 44 to 861kWe Standby/Prime/Continuous Power at 60Hz. Continuous research and development ensures that all G-Drive products deliver the highest power density per class whilst still meeting strict US and European emissions standards.



DIESEL GENERATOR

CUMMINS G-Drive DIESEL GENERATOR TECHNICAL DATA



Model	Engine Model	Standby Rating		Prime Rating		Number of cylinders	100% Load (lit/hr)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
		kva	kw	kva	kw						
AC 38	X-3.8G1	37.5	30	35	28	4L	10,4	1700	900	1100	800
AC 44	S-3.8G4	44	35,2	40	32	4L	11,2	1780	950	1198	850
AC 55	S-3.8G6	55	44	50	40	4L	12,8	1780	950	1198	870
AC 66	S-3.8G7	66	52,8	60	48	4L	14,7	2150	1050	1446	950
AC110	6BTA-5,9G5	110	88	100	80	6L	25	2173	1050	1563	1250
AC 150	6BTAA-5,9G6	150	120	135	108	6L	35	2750	1300	1751	1400
AC170	6BTAA-5,9G7	170	136	155	124	6L	37	2750	1300	1751	1535
AC 200	6CTA-8,3G2	200	160	180	144	6L	40	2375	1150	1594	1670
AC 250	6CTAA-8,3G2	250	200	225	180	6L	51,8	2750	1300	1689	1940
AC 350	QSL9 -G5	350	280	300	240	6L	63	2901	1300	1869	2630
AC 400	NTA-855G4	400	320	360	288	6L	76	3148	1550	2071	3130
AC 500	QSK-15G6	500	400	455	364	6L	95,9	3377	1550	2103	3815
AC 550	QSK-15G8	550	440	500	400	6L	105	3377	1550	2103	3850
AC 700	VTA-28G5	700	560	638	510	12V	140	3814	1550	2266	5470
AC 825	VTA-28G6	825	660	750	600	12V	162	3950	1550	2266	5610
AC 880	QSK-23G3	880	704	800	640	6L	161	4121	1705	2225	5950
AC1100K	KTA-38G5	1100	880	1000	800	12V	209	4469	1770	2370	8600
AC 1100	QST-30G4	1100	880	1000	800	12V	202	4400	1776	2341	7350
AC 1410	KTA-50G3	1410	1128	1280	1024	16V	261	4935	2100	2412	9900
AC 1650	KTA-50G8	1650	1320	1400	1120	16V	289	5449	1950	2450	10100
AC 1675	KTA-50G8	1675	1340	1500	1200	16V	309	5449	1950	2450	10100
AC 2250	QSK-60G4	2250	1800	2045	1636	16V	394	5808	2280	2965	15500
AC 2500	QSK-60G13	2500	2000	2000	1600	16V	399	6000	2494	3320	17200
AC 3000	QSK-78G9	3000	2750	2400	2200	18V	500	-	-	-	-

Cummins
G-Drive Engines

As a comprehensive engine manufacturer, Doosan Engine is a leader in the field of diesel and natural gas for commercial vehicles, construction equipment, generator sets and marine. An easy installation, high performance, fuel efficiency and durability is what users always need, which are in Doosan Engines.

TSACO RELIABILITY IN ACTION

DOOSAN We started producing diesel engines for the first time in 1958. Our production facility is located in Incheon, Korea and entered full production under the license of MAN technology in 1975 and Isuzu technology in 1979.



DOOSAN DIESEL GENERATOR TECHNICAL DATA



Model	Engine Model	Standby Rating		Prime Rating		Number of cylinders	100% Load (lit/hr)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
		kva	kw	kva	kw						
AD 93	D1146	94	75.2	85	68	6L	20,6	2350	1100	1450	1373
AD 132	D1146T	132	106	119	95	6L	25,9	2370	1100	1450	1463
AD 185	P086TI	185	148	168	135	6L	33,4	2688	1150	1624	1762
AD 220	P086TI	220	176	200	160	6L	43,1	2688	1150	1624	1800
AD 275	P126TI	275	220	250	200	6L	53,3	3017	1300	1588	2265
AD 330	P126TI-II	330	264	300	240	6L	63,1	3017	1300	1588	2375
AD 410	P158LE-I	410	328	375	300	8V	78,7	3031	1550	1985	3030
AD 490	P158LE	485	388	425	340	8V	89,3	3106	1550	1994	3130
AD 510	DP158LC	510	408	460	368	8V	99,6	3106	1550	1994	3150
AD 580	DP158LD	580	464	525	420	8V	115	3106	1550	1994	3350
AD 630	DP180LA	630	504	575	460	10V	124	3264	1550	2056	3720
AD 710	DP180LB	710	568	640	512	10V	136	3359	1550	2056	4000
AD 750	DP222LB	750	600	680	544	12V	147	3494	1550	2301	4190
AD 825	DP222LC	825	660	750	600	12V	161	3630	1550	2301	4320

(1) Fuel consumption according to standby power.

(2) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. ESP is in accordance with ISO 8528. Overload is not allowed.

(3) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period.

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DIESEL GENERATOR



TSACO-DIESEL.COM



EMERGENCY PLANING

**VOLVO
PENTA**

For more than 100 years, Volvo Penta has provided power to customers around the globe - in remote regions and extreme climates. Volvo Penta is a part of the Volvo group, the world-leading developer and manufacturer of heavy-duty diesel engines. The engines from the Volvo group are used in the Gensets, marine, trucks and construction equipment. The Volvo brand is strong and well accepted. Our comprehensive product range together with our worldwide aftermarket support is designed and adapted to meet all kinds of customer needs, all over the world.

High engine performance and reduced environmental impact must go hand in hand. Every new Volvo Penta engine is competitive in both aspects. Our engineering experts continuously strive to optimise fuel economy and, at the same time, reduce the environmental impact to a minimum. This way we have made fuel efficiency our hallmark.

Independent Power Volvo Penta doesn't build gensets. It's their business to build and service engines made to optimize OEM's designs. They are dedicated to the business success of their OEM partners, not to competing with them.

VOLVO PENTA DIESEL GENERATOR TECHNICAL DATA

**VOLVO
PENTA**

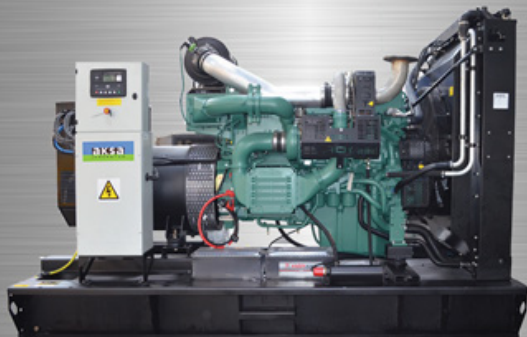
Model	Engine Model	Standby Rating		Prime Rating		Number of cylinders	100% Load (lit/hr)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
		kva	kw	kva	kw						
AVP 94	TAD530GE	90	72	85	68	4L	21,5	2100	780	1600	1200
AVP 110	TAD531GE	109	87	100	80	4L	25,8	2100	780	1650	1240
AVP 143	TAD532GE	142	114	128	109	4L	32,3	2300	780	1650	1300
AVP 165	TAD731GE	167	134	152	122	6L	38,1	2500	780	1650	1600
AVP 198	TAD732GE	206	165	186	149	6L	45,9	2700	1110	1700	1700
AVP 220	TAD733GE	227	182	206	165	6L	51,6	2700	1110	1700	1750
AVP 275	TAD734GE	275	220	250	200	6L	54,5	2750	1300	1707	2320
AVP 350	TAD1341GE	350	280	320	256	6L	63,1	3048	1550	1855	2900
AVP 385	TAD1342GE	385	308	350	280	6L	70,3	3048	1550	1855	2950
AVP 415	TAD1343GE	415	332	380	304	6L	83,5	3138	1550	1855	3150
AVP 450	TAD1344GE	450	360	410	328	6L	83,1	3213	1550	1855	3170
AVP 505	TAD1345GE	505	404	455	364	6L	91,8	3213	1550	1855	3200
AVP 550	TAD1641GE	550	440	500	400	6L	103	3341	1550	2196	3240
AVP 655	TAD1642GE	655	524	595	476	6L	119	3341	1550	2196	3250
AVP 700	TWD1643GE	700	560	636	509	6L	130	3537	1550	2253	4315
AVP 770	TWD1645GE	770	616	700	560	6L	130	3470	1550	2255	4500

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DIESEL GENERATOR

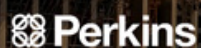
**VOLVO
PENTA**

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TSACO

Diesel Generator Make a Difference



Perkins aims to set standards of engineering excellence, providing the most range of innovative and reliable power solutions, tailored to meet the precise requirements of our customers.

With a history stretching back more than 80 years, Perkins is one of the world's leading providers of diesel & gas engines.

DIESEL GENERATOR



PERKINS DIESEL GENERATOR TECHNICAL DATA



Model	Engine Model	Standby Rating		Prime Rating		Number of cylinders	100% Load (lt/hr)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
		kva	kw	kva	kw						
AP 15	403A-15G1	14.5	11.6	13	10.4	3L	3.67	1250	850	1017	410
AP 22	404A-22G1	22	18	20	16	4L	5.3	1361	850	1041	500
AP 33	1103A-33G	33	27	30	24	3L	7.1	1500	900	1205	665
AP 50	1103A-33TG1	50	40	45	36	3L	10.7	1780	950	1206	800
AP 72	1104A-44TG1	72	58	66	53	4L	14.8	1780	950	1220	890
AP 88	1104A-44TG2	88	70.4	80	64	4L	18.7	2150	1050	1390	1020
AP 110	1104C-44TAG2	110	88	100	80	4L	22.6	2150	1050	1390	1120
AP 150	1106A-70TG1	150	120	135	108	6L	30.3	2300	1150	1466	1240
AP 165	1106A-70TAG2	165	132	150	120	6L	33.4	2320	1150	1567	1380
AP 200	1106A-70TAG3	200	160	180	144	6L	41.4	2318	1150	1593	1590
AP 220	1106A-70TAG4	220	176	200	160	6L	45.8	2318	1150	1593	1620
AP 275	1506A-E88TAG3	275	220	250	200	6L	55.5	2750	1300	1702	2130
AP 330	1506A-E88TAG5	330	264	300	240	6L	64.9	2750	1300	1734	2350
AP 385	2206A-E13TAG2	385	308	350	280	6L	71	3205	1550	2105	2700
AP 400	2206A-E13TAG2	400	320	350	280	6L	71	3205	1550	2105	2900
AP 440	2206A-E13TAG3	440	352	400	320	6L	81	3205	1550	2105	3180
AP 450	2206A-E13TAG3	450	360	410	328	6L	81	3205	1550	2105	3200
AP 500	2506A-E15TAG1	500	400	455	364	6L	95	3252	1550	2105	3650
AP 550	2506A-E15TAG2	550	440	500	400	6L	95	3252	1550	2105	3880
AP 880	4006-23TAG3A	880	704	800	640	6L	139	3900	1690	2273	5500
AP 900	4006-23TAG3A	900	720	805	644	6L	139	3900	1690	2273	6250
AP 1000	4008TAG1A	1000	800	910	728	8L	195	4786	1973	2205	6670
AP 1125	4008TAG2A	1125	900	1023	818	8L	215	4752	2072	2238	6920
AP 1250	4008-30TAG3	1250	1000	1125	900	8L	244	4646	2204	2000	7000
AP 1400	4012-46TWG2A	1400	1120	1265	1012	12V	259	4836	1772	2366	8865
AP 1650	4012-46TAG2A	1650	1320	1500	1200	12V	310	4920	2120	2410	10200
AP 1875	4012-46TAG3A	1875	1500	1705	1364	12V	370	5055	2220	2735	10400
AP 2500	4016-61TRG3	2500	2000	2250	1800	16V	470	5900	2390	3020	14000

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Although not a renewable resource, natural gas is a promising alternative to coal and oil. Natural gas is said to burn "clean", producing less carbon dioxide and other pollutants than comparable fuel sources.

As a result, natural gas is taking a leading role in the energy industry, especially in combination with renewable sources - a good reason to develop the technologies that can make the most of this precious resources

GAS GENERATOR TECHNICAL DATA



	Model	Engine Model	Standby Rating		Prime Rating		Number of cylinders	100% prime Load hrs/yr	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
			kva	kw	kva	kw						
GM/PSI	APG 40	4.3L	40	32	36	28.8	6V	11	1780	950	1081	650
	APG 62	5.7L	62	49.6	56	44.8	8V	15	1832	950	1135	850
	APG 80	8.8 LNA	80	64	72.5	58	8V	17.3	2150	1050	1532	1150
	APG 100	8.8 LNA	100	80	90	72	8V	21.4	2150	1050	1532	1180
lovol	ALG 33	1004 NG	33	26.4	30	24	4L	11.4	1780	950	1160	920
	ALG 45	1006 NG	45	36	41	32.8	6L	17	2150	1050	1320	1170
Doosan/PSI	ADG 165	GE08TI	165	132	149	119	6L	31.8	2800	1150	1920	1700
	ADG 228	GE12TI	228	182	205	164	6L	43	2950	1300	1710	2250
	ADG 280	GV158TI	280	224	255	204	8V	58.4	3625	1550	1842	2950
	ADG 365	GV180TI	352	282	320	256	10V	74.7	3000	1450	2050	3650
	ADG 425	GV222TI	425	340	380	304	12V	95.2	3250	1650	2050	4730
Perkins	APG 307	4006-30TRS1	CONTINUES		362	290	6L	85.8	4100	2000	2200	5550
	APG 500	4008-30TRS2			575	460	8L	136	4500	2100	2350	5550
	APG 607	4012-TES1			731	585	12V	186	4500	2100	2450	7100
	APG 875	4016-61TRS1			1037	830	16V	241	6150	2100	2520	9620
	APG 1000	4016-61TRS2			1187	950	16V	273	5500	1950	2450	9880

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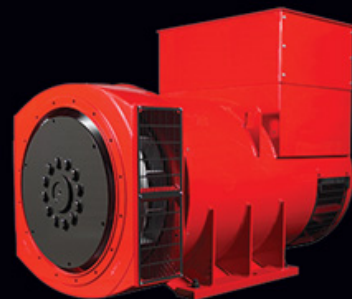


GAS GENERATOR

**NATURAL GAS
THE
FRIENDLY
FOSSIL FUEL**



ALTERNATOR



APPLICATIONS

TSACO Generating Sets are designed to meet the requirements of the stationary power generation industry. They are used in prime and standby applications in residential, commercial, construction, industrial and governmental sectors.

QUALITY & RELIABILITY

TSACO quality management system secures the best quality in all engineering processes which is undoubtedly translated by our extended warranty.



STAMFORD



TSACO is able to provide Low, Medium, and high voltage type of alternators which are renowned for superior build quality, longevity and electrical safety including Stamford, Meccalte, and etc.

PARTS & SERVICES

At the core of our activities is Genset servicing. With our long-dated experience in manufacturing and operating engines, we have the expertise to offer well-founded service and answer all your questions satisfactorily. The TSACO Service teams are engaged into a complete range of services, from rapid parts delivery to providing Operation and Maintenance for your TSACO equipment.

For technical support, information on warranty and parts, contact our service division at Service@tsaco-diesel.com



CONTROLLER
PLC & CONTROL PANELS
DEEP SEA/COMAP/DATAKOM



ATS
(AUTOMATIC TRANSFER SWITCH)

PARALLELING SWITCHGEAR



Standard Open Set Specifications

- 4 cycle, water cooled, 1500 rpm diesel and natural gas engine
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation.
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Flexible gas connection hoses and lube - oil drain valve fitted
- 12 V D.C. battery with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure, ATS and Synchronization panel



**CANOPY
&
CONTAINER**





نماینده رسمی شرکت آکسا ایران تور

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info@TSACO-DIESEL.com



Head office:
Unit 1 , No.3 , North Behzad
Ave. saadat abad , Tehran ,
IRAN
TEL : (+98 21) 26 76 0 136
22 13 53 20
FAX: (+98 21) 26 76 0 360

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