

POWERING PROGRESS



SACS Diesel Generator Set 2.5 KVA to 20 KVA and 160 KVA to 500 KVA

Genset Model	Power Rating	No. of Phases	Current @ 0.8 PF	Engine Model	Engine Power	Fuel Consumption (LPH)		DG Set Dimensions ** L X W X H (mm)	Integrated Fuel Tank	DG Set Dry Weight (Kg)
					BHP	100% Load	75% Load			
GPAII - 2.5	2.5/2.5	1/3	10.9/3.5	LDA 510 1B1 (1510)*	8.3	1.2	1.1	1110 X 750 X 800	15	280
GPAII - 3.5	3.5/3.5	1/3	15.2/4.9	LDA 510 1B1 (1510)*	8.3	1.3	1.2	1110 X 750 X 800	15	280
GPA II - 5	5/4	1/3	21.7/7.0	LDA 510 1B1 (1510)*	8.3	1.9	1.4	1110 X 750 X 800	15	300
GPW II - 7.5	7.5/6	1/3	32.6/10.4	G600 W	11.0	2.4	2.1	1600 X 800 X 1050	45	400
GPWII - PII - 10E	10/8**	1/3	43.5/13.9	G12 - II	18.0	3.0	2.3	1420 X 930 X 1242	40	595
GPWII - PII - 15X	15/12	1/3	65.2/20.9	G15 - II	21.6	3.9	2.8	1420 X 930 X 1242	40	660
GPWII - PII - 20X	20/16	1/3	87.0/27.8	G20 - II	25.2	5.0	3.8	1650 X 930 X 1242	60	810
GPWII - PII - 160E	160/128	3	222.6	6G11TAG29	196.5	36.5	27.2	3800 X 1350 X 1900	360	2150
GPWII - PII - 180	180/144	3	250.4	6G11TAG29	243.1	40.2	30.2	4000 X 1600 X 1900	400	2295
GPWII - PII - 200	200/160	3	278.3	6G11TAG29	243.1	44.8	33.0	4000 X 1600 X 1900	400	2300
GPWII - PII - 250	250/200	3	347.8	D3V6TAG21	308.6	58.2	42.3	4500 X 1800 X 2200	680	4050
GPWII - PII - 320	320/256	3	445.2	D3V8TAG21	386.1	76.5	57.7	5000 X 2000 X 2220	810	4300
GPWII - 400	400/320**	3	556.5	12V14TAG23	603.7	84.7	63.6	5600 X 2000 X 2300	990	5490
GPWII - 500	500/400	3	695.6	12V14TAG23	603.7	107.9	82.5	5600 X 2000 X 2300	990	5610

*Air cooled engine, *Genset upto 7.5 KVA are 2 pole 3000 rpm.

FEATURES

- Superior Aesthetics & Paint Finish
- Best TCO-Total Cost of Ownership
- Greaves Factory Built Gensets
- Compact Size with Lowest Footprint
- Single Window: 3S

SACS POWER PVT LTD

Corporate :

No.9, Vigneswar Apartments,
Periyar Road, T.Nagar, Chennai-600 017.
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Cell : 98408 99125, 98409 88845

Factory :

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Rajaman Nagar, Madurai-625 009.
Ph : 0452-2697222

Cell : 98403 20777, 98409 78508

SACS DIESEL GENERATORS

Compact & fuel efficient generators
Assured Return on Investment



- Low noise level
- Fuel efficient
- Better power to weight: ration
- Easy maintenance
- 1000+ service centres
- Automatic Transfer Switches

SACS POWER DIESEL GENERATING SET SPECIFICATION

DG SET MODEL	Unit	SACS 20T-SP	SACS 25T-SP	SACS 30T-SP	SACS 35T-SP	SACS 40T	SACS 45T	SACS 50T	SACS 62.5T	SACS 82.5T	SACS 100T	SACS 125T
Engine Make		TATA 497 SP				TATA 497 TC						
Power Rating*	kVA	20	25	30	35	40	45	50	62.5	82.5	100	125
Electric Power	kW	16	20	24	28	32	36	40	50	66	80	100
Rated Current	Amp	27.8	34.8	41.7	48.7	55.6	62.6	69.5	87.5	114.7	139.0	173.75
DG Size L	mm	2250	2250	2250	2250	2650	2800	2800	2800	3150	3150	3500
W	mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1200
H(Including Silencer)	mm	1400(1760)	1400(1760)	1400(1760)	1400(1760)	1540(1900)	1600(2000)	1600(2000)	1600(2000)	1550(2040)	1550(2040)	1900(2360)
DG Weight	Kg	900	950	1050	1100	1260	1295	1295	1320	1610	1695	2300
Fuel Tank Capacity	L	100	100	100	100	150	150	150	150	175	175	200
Battery Capacity	AH	88	88	88	88	88/90	88/90	88/90	88/90	130	130	130
System DC Voltage	V	12	12	12	12	12	12	12	12	12	12	12 V
Engine Model		497 SPTC 78	497 SPTC 78	497 SPTC 78	497 SPTC76	497 TC76	497 TC75	497 TC75	497 TC74	697 TC51	697 TC52	697 TC 10
Engine Rated Kw	kW	30	30	30	42	47	56.5	56.5	67	81.5	93.4	115
Engine Rated HP	HP	40.2	40.2	40.2	56.3	63	75.8	75.8	89.8	109.2	125.3	154
Rated Speed	RPM	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Aspiration	NA/TC/TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC
No. of cylinders & configuration	Nos	Inline, 4	Inline, 4	Inline, 4	Inline, 4	Inline, 4	Inline, 4	Inline, 4	Inline, 4	Inline, 6	Inline, 6	6
Bore x Stroke	mm	97x100	97x100	97x100	97x100	97x128	97x128	97x128	97x128	97x128	97x128	97x128
Displacement	L	2.96	2.96	2.96	2.96	3.8	3.8	3.8	3.8	5.675	5.675	5.678
Compression ratio		17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
Lubricating sump Capacity	L	8	8	8	8	10	10	10	10	16	16	17
Coolant Capacity approx.	L	16	16	16	16	16	16	16	16	20	20	30
Governing Class		A1	A1	A1	A1	A1	A1	A1	A1	A0	A0	A1
Governer Used		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Electronic	Mechanical
Oil Change Period		500 Hours or 1 Year										
Lube Oil specification		SAE 15W40 API CI4 +										
Alternator		Brushless, Single Bearing, IP23, Class H Insulated, 50 Hz, Voltage Regulation +0.5%,0.8 PF Lag										

The above specifications are liable to change due to continuous improvement in the product and the manufacturer reserves the right to change the specifications without notice

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