

GENERATOR

MODEL	TJ10PE5L	TJ14PE5L	TJ22PE5L	TJ33PE5L	TJ50PE5L
Prime Rating (KVA)	9	13	20	30	45
Prime Rating (KW)	7.2	10.4	16	24	36
Standby Rating (KVA)	10	14	22	33	50
Standby Rating (KW)	8	11.2	17.6	26.4	40
ENGINE					
Brand	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Model	403A-11G	403A-15G	404A-22G	1103A-33G	1103A-33TG1
Country Of Origin	UK	UK	UK	UK	UK
Number of Cylinders	3 Vertical in-line	3 Vertical in-line	4 Vertical in-line	3 Vertical in-line	3 Vertical in-line
Cooling	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled
Aspiration	Naturally aspirated	Natural aspirated	Naturally aspirated	Naturally aspirated	Turbocharge
RPM	1500	1500	1500	1500	1500
Bore (mm)	77 mm	84 mm	84 mm	105 mm	105 mm
Stroke (mm)	81 mm	90 mm	100 mm	127 mm	127 mm
Compression Ratio	23:01	22.5:1	23.3:1	19.25:1	17.25:1
Displacement (Litre)	1.131 litres	1.496 litres	2.216 litres	3.3 litres	3.3 litres
Governor	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic
Lube Oil Capacity (Litre)	4.9 L	4.9 L	4.9 L	8.3 L	8.3 L
Coolant Capacity (Litre)	5.2 L	7 L	7 L	10.2 L	10.2 L
Fuel consumption @50% load (L/hr)	1.7 lt/h	2.1 lt/h	2.9 lt/h	3.9 lt/h	5.7 lt/h
Fuel consumption @75% load (L/hr)	2.3 lt/h	2.8 lt/h	4 lt/h	5.4 lt/h	8.2 lt/h
Fuel consumption @100% load (L/hr)	3 lt/h	3.7 lt/h	5.4 lt/h	7.1 lt/h	10.7 lt/h
Fuel consumption @110% load (L/hr)	3.6 lt/h	4.1 lt/h	6.2 lt/h	7.9 lt/h	12 lt/h
ALTERNATOR					
Brand	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER
Model	TAL040B	TAL040D	TAL040F	TAL042C	TAL042F
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H	H
CONTROLLER					
Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey	Turkey
DIMENSIONS OPEN TYPE					
Width (mm)	700 mm	700 mm	700 mm	950 mm	950 mm
Length (mm)	1250 mm	1250 mm	1350 mm	1650 mm	1650 mm
Height (mm)	1000 mm	1000 mm	1050 mm	1220 mm	1220 mm
Weight (kg)	318 Kg	332 Kg	397 Kg	704 Kg	767 Kg
Fuel Tank Capacity (Litre)	75 L	75 L	75 L	90 L	90 L
CANOPIED TYPE					
Width (mm)	700 mm	700 mm	700 mm	950 mm	950 mm
Length (mm)	1750 mm	1750 mm	1750 mm	2200 mm	2200 mm
Height (mm)	1200 mm	1200 mm	1200 mm	1450 mm	1450 mm
Weight (kg)	485 Kg	499 Kg	564 Kg	978 Kg	1041 Kg
Fuel Tank Capacity (litre)	75 L	75 L	75 L	90 L	90 L

GENERATOR

MODEL	TJ66PE5L	TJ88PE5L	TJ110PE5L	TJ165PE5L	TJ217PE5L
Prime Rating (KVA)	60	80	100	150	198
Prime Rating (KW)	48	64	80	120	158.4
Standby Rating (KVA)	66	88	110	165	217
Standby Rating (KW)	52.8	70.4	88	132	273.6
ENGINE					
Brand	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Model	1103A-33TG2	1104A-44TG2	1104C-44TAG2	1106A-70TAG2	1106A-70TAG4
Country Of Origin	UK	UK	UK	UK	UK
Number of Cylinders	3 Vertical in-line	4 Vertical in-line	4 Vertical in-line	6 Vertical in-line	6 Vertical in-line
Cooling	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled
Aspiration	Naturally aspirated	Natural aspirated	Naturally aspirated	Naturally aspirated	Turbocharge
RPM	1500	1500	1500	1500	1500
Bore (mm)	105 mm	105 mm	105 mm	105 mm	105 mm
Stroke (mm)	127 mm	127 mm	127 mm	135 mm	135 mm
Compression Ratio	17.25:1	17.25:1	18.23:1	18.2:1	16:01
Displacement (Litre)	3.3 litres	4.4 litres	4.4 litres	7.01 litres	7.01 litres
Governor	Mechanic	Mechanic	Electronic /LCS	Mechanic	Electronic
Lube Oil Capacity (Litre)	8.3 L	8 L	8 L	16.5 L	16.5 L
Coolant Capacity (Litre)	10.2 L	13 L	13 L	21 L	21 L
Fuel consumption @50% load (L/hr)	7.3 lt/h	9.7 lt/h	11.8 lt/h	16.4 lt/h	22.9 lt/h
Fuel consumption @75% load (L/hr)	10.5 lt/h	14 lt/h	17.1 lt/h	24.7 lt/h	34.3 lt/h
Fuel consumption @100% load (L/hr)	14.1 lt/h	18.7 lt/h	22.6 lt/h	33.4 lt/h	45.8 lt/h
Fuel consumption @110% load (L/hr)	15.6 lt/h	20.5 lt/h	24.9 lt/h	36.1 lt/h	49.4 lt/h
ALTERNATOR					
Brand	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	Leroy-Somer
Model	TAL042H	TAL044B	TAL044D	TAL044J	TAL046B
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H	H
CONTROLLER					
Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey	Turkey
DIMENSIONS OPEN TYPE					
Width (mm)	950 mm	950 mm	950 mm	1200 mm	1200 mm
Length (mm)	2000 mm	2000 mm	2000 mm	2700 mm	2700 mm
Height (mm)	1230 mm	1230 mm	1250 mm	1470 mm	1470 mm
Weight (kg)	813 Kg	1018 Kg	1051 Kg	1595 Kg	1796 Kg
Fuel Tank Capacity (Litre)	160 L	160 L	160 L	330 L	330 L
CANOPIED TYPE					
Width (mm)	950 mm	950 mm	950 mm	1200 mm	1200 mm
Length (mm)	2650 mm	2650 mm	2650 mm	3860 mm	3860 mm
Height (mm)	1450 mm	1450 mm	1450 mm	1850 mm	1850 mm
Weight (kg)	1127 Kg	1332 Kg	1365 Kg	2136 Kg	2337 Kg
Fuel Tank Capacity (litre)	160 L	160 L	160 L	330 L	330 L

GENERATOR

MODEL	TJ275PE5L	TJ330PE5L	TJ450PE5L	TJ500PE5L	TJ550PE5L
Prime Rating (KVA)	250	300	405	450	500
Prime Rating (KW)	200	240	324	364	400
Standby Rating (KVA)	275	330	450	500	550
Standby Rating (KW)	220	264	360	400	440
ENGINE					
Brand	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Model	1506A-E88TAG3	1506A-E88TAG5	2206A-E13TAG3	2506A-E15TAG1	2506A-E15TAG2
Country Of Origin	UK	USA	USA	USA	USA
Number of Cylinders	6 Vertical in-line	6 Vertical in-line	6 vertical in-line	6 Vertical in-line	6 Vertical in-line
Cooling	Water cooled	Water cooled	Water cooled	Water Cooled	Water cooled
Aspiration	Turbocharge	Turbocharge	Turbocharge-Intercooler	Turbocharge-Intercooler	Turbocharge-Intercooler
RPM	1500	1500	1500	1500	1500
Bore (mm)	112 mm	112 mm	130 mm	137 mm	137 mm
Stroke (mm)	149 mm	149 mm	157 mm	171 mm	171 mm
Compression Ratio	16:01	16:01	16,3:1	16:01	16:01
Displacement (Litre)	8.8 litres	8.8 litres	12.5 litres	15.2 litres	15.2 litres
Governor	Electronic/ECM	Electronic/ECM	Electronic/ECM	Electronic/ECM	Electronic/ECM
Lube Oil Capacity (Litre)	41 L	41 L	40 L	62 L	62 L
Coolant Capacity (Litre)	29.6 L	33.2 L	51.4 L	58 L	58 L
Fuel consumption @50% load (L/hr)	28.9 lt/h	33 lt/h	62 lt/h	50	53 lt/h
Fuel consumption @75% load (L/hr)	41.6 lt/h	48.2 lt/h	81 lt/h	72	76 lt/h
Fuel consumption @100% load (L/hr)	55.5 lt/h	64.9 lt/h	89 lt/h	95	100 lt/h
Fuel consumption @110% load (L/hr)	60.7 lt/h	73.1 lt/h	90 lt/h	104	110 lt/h
ALTERNATOR					
Brand	Leroy-Somer	Leroy-Somer	Leroy-Somer	Leroy-Somer	Leroy-Somer
Model	TAL046D	TAL046F	TAL047A	TAL047D	TAL047C
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H	H
CONTROLLER					
Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey	Turkey
DIMENSIONS OPEN TYPE					
Width (mm)	1300 mm	1300 mm	1650 mm	1650 MM	1650 mm
Length (mm)	3000 mm	3000 mm	3300 mm	3500 mm	3500 mm
Height (mm)	1600 mm	1680 mm	2050mm	2050 mm	2050mm
Weight (kg)	2668 Kg	2740 Kg	3373 Kg	3781 Kg	3781 Kg
Fuel Tank Capacity (Litre)	385 L	385 L	900 L	970 L	970 L
CANOPIED TYPE					
Width (mm)	1300 mm	1300 mm	1650 mm	1650 mm	1650 mm
Length (mm)	3940 mm	3940 mm	5000 mm	5360 mm	5360 mm
Height (mm)	1850 mm	1850 mm	2250 mm	2250 mm	2250 mm
Weight (kg)	3233 Kg	3305 Kg	4359 Kg	4846 Kg	4846 Kg
Fuel Tank Capacity (litre)	385 L	385 L	900 L	970 L	970 L

GENERATOR

MODEL	TJ660PE5L	TJ804PE5L	TJ890PE5L	TJ1000PE5L	TJ1100PE5L
Prime Rating (KVA)	600	730	795	910	1000
Prime Rating (KW)	480	584	636	728	800
Standby Rating (KVA)	660	805	890	1002	1100
Standby Rating (KW)	28	644	712	801.6	880
ENGINE					
Brand	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Model	2806A-E18TAG1A	2806A-E18TTAG5	4006-23TAG3A	4008TAG1A	4008TAG2
Country Of Origin	USA	UK	UK	UK	UK
Number of Cylinders	6 Vertical in-line	6 Vertical in-line	6 Vertical in-line	8 In-line	8 In-line
Cooling	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled
Aspiration	Turbocharge-Intercooler	Turbocharge	Turbocharge-Intercooler	Turbocharge-Intercooler	Turbocharger
RPM	1500	1500	1500	1500	1500
Bore (mm)	145 mm	145 mm	160 mm	160 mm	160 mm
Stroke (mm)	183 mm	183 mm	190 mm	190 mm	190 mm
Compression Ratio	16:01	14:01	13,6:1	13,6:1	13,6:1
Displacement (Litre)	15.2 litres	18. 1 itres	22.921 itres	30.561 itres	30.561 itres
Governor	Electronic/ECM	Electronic/ECM	Electronic	Electronic	Electronic
Lube Oil Capacity (Litre)	62 L	68 L	113,4 L	165,6 L	127-153 L
Coolant Capacity (Litre)	61 L	109.5 L	105 L	149 L	162 L
Fuel consumption @50% load (L/hr)	55 lt/h	81 lt/h	90 lt/h	97 lt/h	108 lt/h
Fuel consumption @75% load (L/hr)	81 lt/h	118 lt/h	130 lt/h	142 lt/h	160 lt/h
Fuel consumption @100% load (L/hr)	111 lt/h	162 lt/h	172 lt/h	194 lt/h	220 lt/h
Fuel consumption @110% load (L/hr)	121 lt/h	179 lt/h	194 lt/h	217 lt/h	248 lt/h
ALTERNATOR					
Brand	Leroy-Somer	Leroy-Somer	Leroy-Somer	Leroy-Somer	Leroy-Somer
Model	TAL047E	TAL049B	TAL049C	TAL049E	TAL049E
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H	H
CONTROLLER					
Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey	Turkey
DIMENSIONS OPEN TYPE					
Width (mm)	1650 mm	1700 mm	1700 mm	2050 mm	2050 mm
Length (mm)	3500 mm	3400 mm	3700 mm	4660 mm	4660 mm
Height (mm)	2160 mm	2330 mm	2285 mm	2370 mm	2370 mm
Weight (kg)	4107 Kg	4833 Kg	5848 Kg	7394 Kg	7394 Kg
Fuel Tank Capacity (Litre)	970 L	1080 L	1135 L	1540 L	1540 L
CANOPIED TYPE					
Width (mm)	1650 mm	2200 mm	2200 mm	2200 mm	2200 mm
Length (mm)	5360 mm	5820 mm	5820 mm	5820 mm	5820 mm
Height (mm)	2450 mm	2400 mm	2400 mm	2400 mm	2400 mm
Weight (kg)	5248 Kg	7548 Kg	8448 Kg	9824 Kg	9824 Kg
Fuel Tank Capacity (Litre)	970 L	1600 L	1600 L	1540 L	1540 L

GENERATOR

GENERATOR

MODEL	TJ1250PE5L	TJ1375PE5L	TJ1500PE5L	TJ1650PE5L
Prime Rating (KVA)	1123	1250	1367	1500
Prime Rating (KW)	898.4	1000	1093.6	1200
Standby Rating (KVA)	1252	1375	1503	1650
Standby Rating (KW)	1001.6	1100	1202.4	1320

ENGINE

Brand	PERKINS	PERKINS	PERKINS	PERKINS
Model	4008-30TAG3	4012-46TWG2A	4012-46TWG3A	4012-46TAG2A
Country Of Origin	UK	UK	UK	UK
Number of Cylinders	8 in-line	12 V type	12 V type	12 V type
Cooling	Water cooled	Water cooled	Water cooled	Water cooled
Aspiration	Turbocharger -Aftercooler	Turbocharger -Aftercooler	Turbocharger -Intercooler	Turbocharger -Intercoole
RPM	1500	1500	1500	1500
Bore (mm)	160 mm	160 mm	160 mm	160 mm
Stroke (mm)	190 mm	190 mm	190 mm	190 mm
Compression Ratio	13:01	13,6:1	13,6:1	13:01
Displacement (Litre)	30.561 itres	45.842 itres	45.842 itres	45.842 itres
Governor	Electronic	Electronic	Electronic	Electronic
Lube Oil Capacity (Litre)	153 L	177 L	177 L	177 L
Coolant Capacity (Litre)	140 L	201 L	201 L	201 L
Fuel consumption @50% load (L/hr)	120lt/h	143 lt/h	151 lt/h	162 lt/h
Fuel consumption @75% load (L/hr)	188 lt/h	196 lt/h	213 lt/h	237 lt/h
Fuel consumption @100% load (L/hr)	244 lt/h	259 lt/h	225 lt/h	301 lt/h
Fuel consumption @110% load (L/hr)	269 lt/h	288 lt/h	318 lt/h	335 lt/h

ALTERNATOR

Brand	Leroy-Somer	Leroy-Somer	Leroy-Somer	Leroy-Somer
Model	LSA 50.2M6	LSA 50.2M6	LSA 50.2L8	LSA 50.2L8
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %0,5	± %0,5	± %0,5	± %0,5
Insulation Class	H	H	H	H

CONTROLLER

Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey

DIMENSIONS OPEN TYPE

Width (mm)	2050 mm	2050 mm	2050 mm	2250 mm
Length (mm)	4660 mm	4500 mm	4600 mm	5000 mm
Height (mm)	2300 mm	2410 mm	2460 mm	2420 mm
Weight (kg)	8047 Kg	9493 Kg	9983 Kg	9934 Kg
Fuel Tank Capacity (Litre)	1540 L	1540 L	1540 L	2500 L

CANOPIED TYPE

Width (mm)	2200 mm	2470 mm	2470 mm	2470 mm
Length (mm)	5820 mm	6080 mm	6080 mm	9145 mm
Height (mm)	2400 mm	2900 mm	2900 mm	3100 mm
Weight (kg)	10477 Kg	13183 Kg	13673 Kg	16014 Kg
Fuel Tank Capacity (litre)	1540 L	1540 L	1540 L	2350 L

GENERATOR

GENERATOR

MODEL	TJ88DW5L	TJ110DW5L	TJ181DW5L	TJ220DW5
Prime Rating (KVA)	80	100	165	195
Prime Rating (KW)	64	80	144	156
Standby Rating (KVA)	88	110	181	220
Standby Rating (KW)	70.4	88	144.8	176

ENGINE

Brand	DOOSAN	DOOSAN	DOOSAN	DOOSAN
Model	D1146	D1146T	P086TI	P086TI
Country Of Origin	Korea	Korea	Korea	Korea
Number of Cylinders	6 Inline	6 Inline	6 Inline	6 Inline
Cooling	Water cooled	Water cooled	Water cooled	Water cooled
Aspiration	Natural Intake	Turbocharge	Turbocharge-Intercooler	Turbocharge-Intercooler
RPM	1500	1500	1500	1500
Bore (mm)	111 mm	111 mm	111 mm	111 mm
Stroke (mm)	139 mm	139 mm	139 mm	139 mm
Compression Ratio	17,5:1	16,8:1	16,4:1	16,4:1
Displacement (Litre)	8.1 L	8.1 L	8.1 L	8.1 L
Governor	Mechanic	Mechanic	Electronic	Electronic
Lube Oil Capacity (Litre)	15.5 L	15.5 L	15.5 L	15.5 L
Coolant Capacity (Litre)	38.5 L	38.5 L	48.5 L	48.5 L
Fuel consumption @50% load (L/hr)	11.3 lt/h	11.5 lt/h	16.4 lt/h	21.1 lt/h
Fuel consumption @75% load (L/hr)	15.9 lt/h	16.5 lt/h	24.6 lt/h	31.7 lt/h
Fuel consumption @100% load (L/hr)	20.6 lt/h	22 lt/h	33.4 lt/h	43.1 lt/h
Fuel consumption @110% load (L/hr)	20.8 lt/h	22.9 lt/h	37.6 lt/h	48.4 lt/h

ALTERNATOR

Brand	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER
Model	TAL044B	TAL044D	TAL044K	TAL046B
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H

CONTROLLER

Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey

DIMENSIONS OPEN TYPE

Width (mm)	1100 mm	1100 mm	1200mm	1200mm
Length (mm)	2350 mm	2350 mm	2700 mm	2700 mm
Height (mm)	1480 mm	1480 mm	1650 mm	1650 mm
Weight (kg)	1324Kg	1422 Kg	1716 Kg	1882 Kg
Fuel Tank Capacity (Litre)	260 L	260 L	330 L	330 L

CANOPIED TYPE

Width (mm)	1100 mm	1100 mm	1200 mm	1200 mm
Length (mm)	3320 mm	3320 mm	3860 mm	3860 mm
Height (mm)	1600 mm	1600 mm	1850 mm	1850 mm
Weight (kg)	1745 Kg	1843 Kg	2257 Kg	2423 Kg
Fuel Tank Capacity (litre)	260 L	260 L	330 L	330 L

GENERATOR

MODEL	TJ275DW5L	TJ329DW5L	TJ400DW5L	TJ450DW5L
Prime Rating (KVA)	250	296	362	403
Prime Rating (KW)	200	236.8	289.6	322.4
Standby Rating (KVA)	275	329	400	450
Standby Rating (KW)	220	263.2	320	360
ENGINE				
Brand	DOOSAN	DOOSAN	DOOSAN	DOOSAN
Model	P126TI-II	P126TI-II	DP126LB	P158LE
Country Of Origin	Korea	Korea	Korea	Korea
Number of Cylinders	6 Inline	6 Inline	6 Inline	8 V Type
Cooling	Water cooled	Water cooled	Water cooled	Water cooled
Aspiration	Turbocharge-Intercooler	Turbocharge-Intercooler	Turbocharge-Intercooler	Turbocharge-Intercooler
RPM	1500	1500	1500	1500
Bore (mm)	123 mm	123 mm	123 mm	128 mm
Stroke (mm)	155 mm	155 mm	155 mm	142 mm
Compression Ratio	17:01	17:01	17.2:1	15:01
Displacement (Litre)	11.1 L	11.1 L	11.051 L	14.6 L
Governor	Electronic	Electronic	Electronic	Electronic
Lube Oil Capacity (Litre)	23 L	23 L	24 L	35 L
Coolant Capacity (Litre)	65 L	65 L	21-44 L	88.5 L
Fuel consumption @50% load (L/hr)	25.7 lt/h	31.3 lt/h	38.4 lt/h	40.6 lt/h
Fuel consumption @75% load (L/hr)	38.7 lt/h	47 lt/h	57.1 lt/h	60.3 lt/h
Fuel consumption @100% load (L/hr)	51.9 lt/h	63.1 lt/h	76 lt/h	82.7 lt/h
Fuel consumption @110% load (L/hr)	56.8 lt/h	77.6 lt/h	84.5 lt/h	95.3 lt/h
ALTERNATOR				
Brand	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER
Model	TAL046D	TAL046F	TAL046H	TAL047A
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H
CONTROLLER				
Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey
DIMENSIONS OPEN TYPE				
Width (mm)	1300 mm	1300 mm	1650 mm	1650 mm
Length (mm)	3000 mm	3000 mm	3000 mm	3000 mm
Height (mm)	1700 mm	1700 mm	1970 mm	1970 mm
Weight (kg)	2083 Kg	2155 Kg	2773 Kg	2803 Kg
Fuel Tank Capacity (Litre)	385 L	385 L	780 L	780 L
CANOPIED TYPE				
Width (mm)	1300 mm	1300 mm	1650 mm	1650 mm
Length (mm)	3940 mm	3940 mm	4700 mm	4700 mm
Height (mm)	1850 mm	1850 mm	2250 mm	2250 mm
Weight (kg)	2648 Kg	2720 Kg	3693 Kg	3723 Kg
Fuel Tank Capacity (litre)	385 L	385 L	780 L	780 L



GENERATOR

MODEL	TJ500DW5L	TJ550DW5L	TJ660DW5L	TJ730DW5L
Prime Rating (KVA)	455	500	600	660
Prime Rating (KW)	364	400	480	528
Standby Rating (KVA)	500	550	660	730
Standby Rating (KW)	400	440	528	584

ENGINE

Brand	DOOSAN	DOOSAN	DOOSAN	DOOSAN
Model	DP158LC	DP158LD	DP180LB	DP222LB
Country Of Origin	Korea	Korea	Korea	Korea
Number of Cylinders	8 V Type	8 V Type	10 V Type	12 V Type
Cooling	Water Cooled	Water cooled	Water cooled	Water cooled
Aspiration	Turbocharge-Intercooler	Turbocharge-Intercooler	Turbocharge-Intercooler	Turbocharge-Intercooler
RPM	1500	1500	1500	1500
Bore (mm)	128 mm	128 mm	128 mm	128 mm
Stroke (mm)	142 mm	142 mm	142 mm	142 mm
Compression Ratio	15:01	15:01	15:01	15:01
Displacement (Litre)	14.6 L	14.6 L	18.273 L	21.9 L
Governor	Electronic	Electronic	Electronic	Electronic
Lube Oil Capacity (Litre)	22 L	22 L	34 L	40 L
Coolant Capacity (Litre)	79 L	79 L	91 L	114 L
Fuel consumption @50% load (L/hr)	53.4	60.9 lt/h	71.2 lt/h	80.1 lt/h
Fuel consumption @75% load (L/hr)	80.5	91.1 lt/h	103.8 lt/h	120.4 lt/h
Fuel consumption @100% load (L/hr)	110.9	127.8 lt/h	136.4 lt/h	162.7 lt/h
Fuel consumption @110% load (L/hr)	TBA	TBA	149.5 lt/h	TBA

ALTERNATOR

Brand	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER	LEROY-SOMER
Model	TAL047B	TAL047C	TAL047E	TAL047F
Country Of Origin	Chez-Republic	Chez-Republic	Chez-Republic	Chez-Republic
Voltage	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Frequency	50 HZ	50 HZ	50 HZ	50 HZ
No. of Phase	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8
Protection	IP 23	IP 23	IP 23	IP 23
Voltage Regulation (Max)	± %1	± %1	± %1	± %1
Insulation Class	H	H	H	H

CONTROLLER

Brand	TEKSAN	TEKSAN	TEKSAN	TEKSAN
Model	TJ 509-T	TJ 509-T	TJ 509-T	TJ 509-T
Country Of Origin	Turkey	Turkey	Turkey	Turkey

DIMENSIONS OPEN TYPE

Width (mm)	1650 mm	1650 mm	1650 mm	1650 mm
Length (mm)	3000 mm	3300 mm	3500 mm	3500 mm
Height (mm)	1970 mm	1970 mm	2000 mm	2250 mm
Weight (kg)	3159 Kg	3214 Kg	3558 Kg	4281 Kg
Fuel Tank Capacity (Litre)	780 L	900 L	970 L	970 L

CANOPIED TYPE

Width (mm)	1650 L	1650 mm	1650 mm	1650 mm
Length (mm)	4700 L	5000 mm	5360 mm	5360 mm
Height (mm)	2250 L	2250 mm	2250 mm	2450 mm
Weight (kg)	4079 Kg	4200 Kg	4623 Kg	5422 Kg
Fuel Tank Capacity (litre)	780 L	900 L	970 L	970 L

MODEL	TJ819DW5L
Prime Rating (KVA)	741
Prime Rating (KW)	592.8
Standby Rating (KVA)	819
Standby Rating (KW)	655.2
ENGINE	
Brand	DOOSAN
Model	DP222LC
Country Of Origin	Korea
Number of Cylinders	12 V Type
Cooling	Water cooled
Aspiration	Turbocharge-Intercooler
RPM	1500
Bore (mm)	128 mm
Stroke (mm)	142 mm
Compression Ratio	15:01
Displacement (Litre)	21.92 L
Governor	Electronic
Lube Oil Capacity (Litre)	40 L
Coolant Capacity (Litre)	114 L
Fuel consumption @50% load (L/hr)	79.3 lt/h
Fuel consumption @75% load (L/hr)	119.1 lt/h
Fuel consumption @100% load (L/hr)	161 lt/h
Fuel consumption @110% load (L/hr)	172.8lt/h
ALTERNATOR	
Brand	LEROY-SOMER
Model	TAL049C
Country Of Origin	Chez-Republic
Voltage	230 / 400 VAC
Frequency	50 HZ
No. of Phase	3
Power Factor	0.8
Protection	IP 23
Voltage Regulation (Max)	± %1
Insulation Class	H
CONTROLLER	
Brand	TEKSAN
Model	TJ 509-T
Country Of Origin	Turkey
DIMENSIONS OPEN TYPE	
Width (mm)	1650 mm
Length (mm)	3510 mm
Height (mm)	2250 mm
Weight (kg)	4055 Kg
Fuel Tank Capacity (Litre)	970 L
CANOPIED TYPE	
Width (mm)	1650 mm
Length (mm)	5360 mm
Height (mm)	2450 mm
Weight (kg)	5196 Kg
Fuel Tank Capacity (litre)	970 L

Generator Details:

Generator Brand: Teksan

Power Range: 9 kVA to 2800 kVA

Engine Brand: Perkins (UK / USA) / Doosan (Korea) / Mitsubishi (Japan) / Baudouin (China)

Alternator: Leroy Somer (Chez Republic) / Marelli (Italy) / Stamford (UK)

Controller: Deep Sea / Teksan



Open Type Teksan Brand Diesel Generator.

Key Features:

- Most Trusted European Brand strictly following European Emission Regulations
- Nation-wide 24/7 After Sales Service.
- Super Silent factory made Canopy.
- A Global International Brand That Covers 120 Countries.
- Committed After Market Service and Facilities.

Our Promise

- Best engine with most affordable price
- Fastest after-sales support throughout the country
- always offer latest and innovative technology at your doorstep.

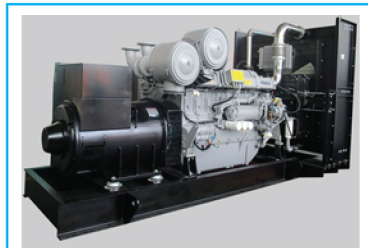
Some of our valuable clients are:

1. Chittagong Port Authority
2. Mongla Port Authority
3. Bangladesh Power Development Board
4. United Commercial Bank Ltd.
5. Brac Bank Ltd.
6. Premier Bank Ltd.
7. Modhumoti Bank Ltd.
8. One Bank Ltd.
9. Concord Group.
10. Borak Real Estate Pvt. Ltd
11. Akash Development Ltd.
12. Eastern Housing LTD.
13. World University of Bangladesh.
14. Uttara Women Medical College.
15. Transworld Medical Centre.
16. Central Hospital
17. Tara Group.
18. Bashar Group
19. Confidence Group.
20. Panwin Group
21. Desh Group
22. PA Wang Ceramics Ltd.
23. Excellent Ceramics Ltd.
24. Glory Ceramics Ltd.
25. Seam Food Agro Ltd.
26. Fresh Food Ltd.
27. Janata Auto Rice Mills Ltd.
28. F.B Footwear Ltd.
29. Bakshiganj Jute Spinning Ltd.
30. Meghna Packaging Ltd

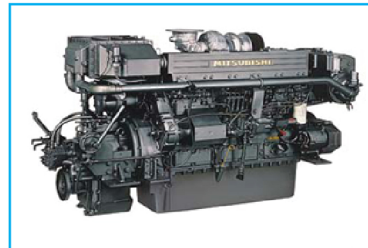
AND MANY OTHERS

ENGINE

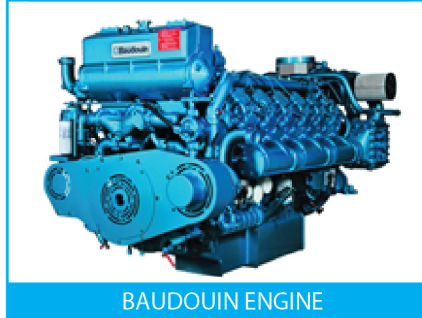
Perkins, Mitsubishi & Doosan Engine offers innovative, efficient and reliable solutions or power generation application.



PERKINS ENGINE



MITSUBISHI ENGINE



Alternator:

Leroy-Somer & Merili alternator the world leading specialist in industrial alternators.



Controller:

TJ 509-T & Deep Sea controller delivers creative engineering solutions for the power generation and combustion engines applications electronics sector.





INTRODUCTION:

Maxon Power Ltd. is a sister concern of Saif Power Group that involved in the sales and service of diesel generator set including complete power solution to the respective sector of Bangladesh. We have the dedicated sales force which include professional engineers as well as skilled technical hands for the right solution of the complicated project.

MPL is responding to the challenges of Replacement/ Erection, Installation and Commissioning of Critical Process Equipment (CPE) in the fields of Fertilizer Production, Power Plants and all other heavy Process industries.

Maxon Power Ltd. is the exclusive Dealer of world renowned diesel generator manufacturer “TEKSAN GENERATOR” for Bangladesh. The Brand TEKSAN is originated in Turkey powered by PERKINS (UK, USA), MITSUBISHI (Japan, Vietnam), DOOSAN (South Korea).

Teksan, which aims to deliver uninterrupted power solutions to the people through sustainable improvement and innovation, designs and installs high quality diesel, natural and biogas driven generator sets, mobile lighting towers, gasoline generators, cogeneration-trigeneration solutions and hybrid power systems that exceed the expectations of the customers.

Teksan has the international quality certifications which are made of world’s top engine brands coupled to well known alternators to meet projects requirements of different output ranges and 24/7 expeditious after-sales technical support and maintenance services in more than 120 countries.

We are delighted to inform you that we have already supplied more than 800 unit generator in Bangladesh market with Teksan brand and it has implied a positive outcome in the power solution process in our economy.



Maxon Power Limited



Maxon Power Limited

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Maxon Power Limited

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