Power Techno

TECHNO POWER FZC

power in your command

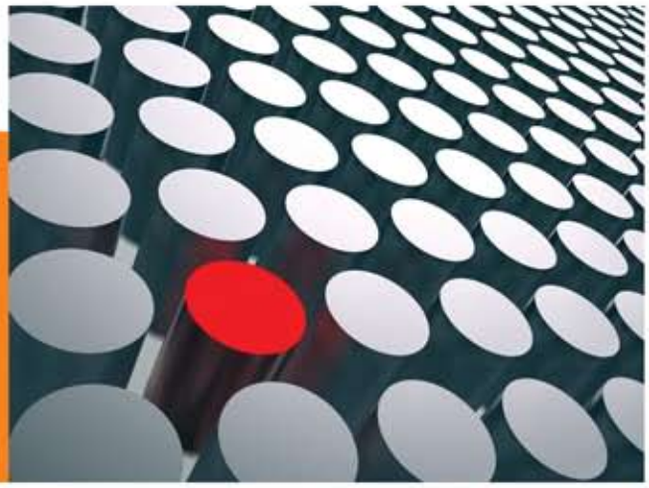
Perkins · Cummins · Lister Petter · Leroy Somer · Stamford · DSE

Power in your Command

Techno Power FZC

Introduction

TechnoPower is pioneer in design, manufacture and assembly of diesel generators sets, ATS panels & Synchronizing panels, and world leader in provision of power generation solutions ensuring power is provided whenever and wherever it is needed.



Why TechnoPower?

- *Customer needs met on time*

  The company's policy is to stock a complete range of KVAs of generating sets with their spare parts in order to provide customers with whatever they need, whenever they need it.

- *Quality products*

  All the products are made according to the highest international level. Each diesel generating set is strictly inspected and tested under variable load and certified by the technical department.

- *Cutting-edge technology*

  TechnoPower keep's to improve and innovate its products, cooperating and co-developing with its brilliant partners as what it has been doing.

- *Highly skilled and experienced engineers*

  Our highly trained service engineers have under extreme conditions succeeded in maintaining the generator's full reliability and thus guaranteeing our customers' trust and comfort.

- *Quality service*

  Maintenance: TechnoPower has professional maintenance teams of electrical and mechanical engineers that effectively carry out regular maintenance programs as well as quick response to round the clock on call service and to insure efficient power delivery from every diesel generator we sell. We always provide proper maintenance and follow up services.

  We have developed our maintenance service center to include a wider scope of maintenance operations and services.
  On-site support and technical training is available for clients in the Middle East & Africa.

Our business is based on honesty and engineering excellence.
We work for the long term:

We aim to gain customers not money, and we can't do that without satisfying our costumers. We are not number one, yet... but we are working hard to achieve it!

Ashraf A. Ibrahim
Managing Director

Open Set Generator

ENVIRONMENT

Technopower generating sets come in three different ranges:

Small Range Diesel Generating Sets

From 9KVA to 180KVA (following combinations)

- Perkins Engine & Leroy Somer Alternator
- Perkins Engine & Stamford Alternator
- Cummins Engine & Stamford Alternator

Open & Closed Type

Medium Range Diesel Generating Sets

From 200KVA to 650KVA (following combinations)

- Perkins Engine & Leroy Somer Alternator
- Perkins Engine & Stamford Alternator
- Cummins Engine & Stamford Alternator

Open & Closed Type

Large Range Diesel Generating Sets

From 730KVA to 2000KVA (following combinations)

- Perkins Engine & Leroy Somer Alternator
- Perkins Engine & Stamford Alternator
- Cummins Engine & Stamford Alternator

Open & Closed Type

Diesel Pumpsets

50 HP - 2300 HP

- Water Pumping Set
- Mud Pumping Set
- Sand Pumping Set

Applications

Fire Fighting, Irrigation, Floor Control and Drainage Excessive Water, River Channel Cleaning, Waterway Dredging, Sand Pumping, Mining, Construction, Refrigeration.

Soundproof Generator

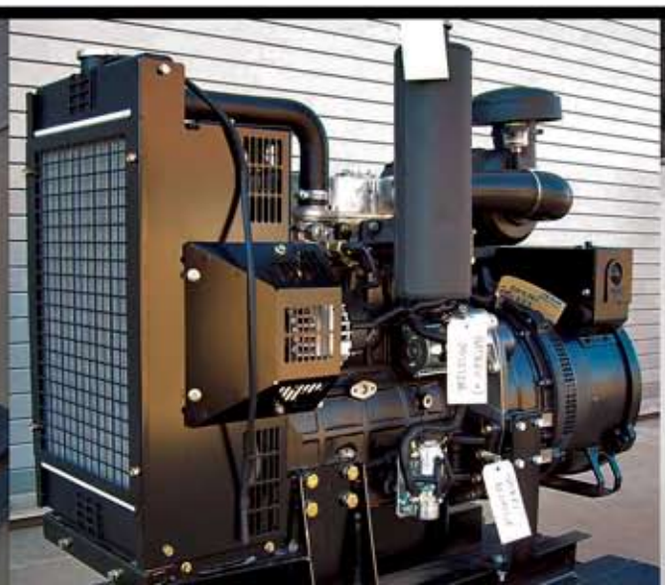
ENVIRONMENT

- *Oversized muffler results in lower sound levels*
- *Noise Absorbing Ducting. The sets have attenuation on all Air Inlets and Outlets*
- *A.V.M. and high-strength material. The frame and canopy are built with high-strength material. All doors and movable fixtures are engineered to minimize vibration*

Power in your Command

Perkins Specifications Chart

Model	Prime Power	Standby Power	Engine	Engine Max Power	Alternator	Alternator Power
	(KVA)	(KVA)	Perkins	(KVA)	Stamford	(KVA)
TP10-1	9	11	403C-11G	10.8	BCI164B	11
TP13-1	13	14	403C-15G	15	BCI164C	13.5
TP20-1	20	22	404C-22G	23	BCI184E	22.5
TP30-1	30	33	1103A-33G	36	BCI184G	31.3
TP45-1	45	50	1103A-33TG1	53	UCI224C	42.5
TP60-1	60	66	1103A-33TG2	69	UCI224E	60
TP80-1	80	88	1104A-44TG2	92	UCI224G	85
TP100-1	100	110	1104C-44TAG2	105	UCI274C	100
TP137-1	135	151	1006TAG	135	UCI274E	140
TP150-1	150	165	1006TAG2	161	UCI274F	160
TP180-1	180	200	1106C-E66TAG4	200	UCI274G	200
TP200-1	200	176	1306C-E87TAG3	228	UCI274H	200
TP250-1	250	275	1306C-E87TAG6	280	UCDI274K	250
TP350-1	350	385	2206A-E13TAG2	391	HCI444E	350
TP400-1	400	440	2206A-E13TAG3	441	HC444F	400
TP465-1	450	495	2506C-E15TAG1	515	HC544C	450
TP500-1	500	560	2506A-E15TAG1	564	HC544C	450
TP550-1	550	605	2806A-E18TAG1A	625	HC544E	625
TP650-1	650	715	2806A-E18TAG2A	730	HC544FS	750
TP725-1	725	798	4006-23TAG2A	808	HCI634G	810
TP800-1	800	880	4006-23TAG3A	881	HCI634G	810
TP900-1	900	990	4008TAG2A	1110	HCI634H	940
TP1000-1	1000	1100	4008TAG2A	1110	HCI634J	1030
TP1250-1	1250	1375	4012-46TWG2A	1371	PI734A	1260
TP1500-1	1500	1650	4012TAG2A	1620	PI734C	1550
TP1750-1	1750	1925	4016TAG	1878	PI734E	1900
TP1810-1	1810	1991	4016TAG1	1986	PI734E	1900
TP2000-1	2000	2200	4016TAG2A	2208	PI734F	2080

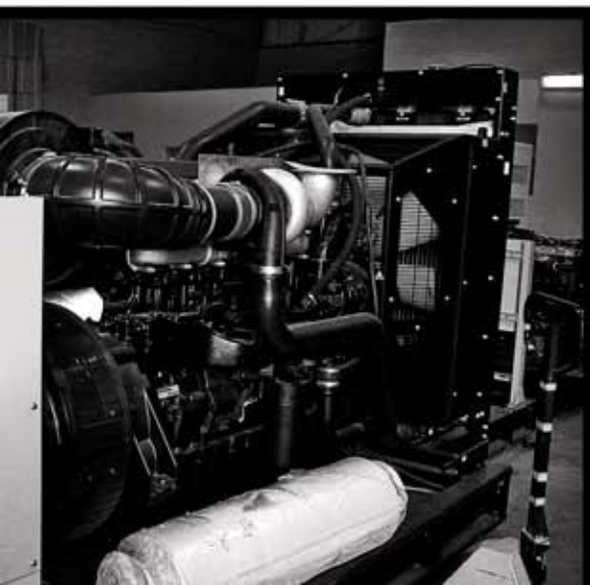


Dimension and Weight

SL No	Dimenssion (mm) (LxWxH)	Weight (Kg)
1	1320x552x1258	314
2	1320x552x1258	396
3	1320x552x1258	496
4	1770x714x1368	780
5	2150x752x1366	874
6	2150x752x1366	944
7	2150x752x1366	1061
8	2370x735x1381	1167
9	2675x900x1460	1460
10	2675x900x1564	1515
11	2953x1003x1717	2015
12	2953x1003x1717	2015
13	2960x1003x1718	2215
14	3601x1110x2070	3316
15	3601x1110x2070	3453
16	3700x1100x2143	3793
17	3700x1100x2143	3920
18	4111x1536x2246	4655
19	4111x1536x2246	4800
20	4280x1912x2277	6059
21	4280x1912x2277	6259
22	N.A	N.A
23	4790x2036x2235	7334
24	4280x1895x2424	9059
25	5095x1900x2435	9720
26	N.A	N.A
27	N.A	N.A
28	5725x2300x3020	15500

Fuel Consumption (liters/hour)

SL No	(KVA)	50% Load	75% Load	100% Load	110% Load
1	9KVA	1.5	2	2.6	2.9
2	13KVA	2.1	2.8	3.7	4.1
3	20KVA	2.9	4	5.4	6.2
4	30KVA	3.9	5.4	7.1	7.9
5	45KVA	5.7	8.2	10.7	12
6	60KVA	7.3	10.5	14.1	15.6
7	80KVA	9.7	14	18.7	20.5
8	100KVA	11.2	17.1	22.6	24.9
9	135KVA	16.5	24.1	31.5	34.6
10	150KVA	20	31	41	45
11	180KVA	20.5	31	40.2	44
12	200KVA	24	35	45.2	49.1
13	250KVA	24	36	45	49.7
14	350KVA	37	54	71	80
15	400KVA	45	64	85	96
16	450KVA	50	72	95	104
17	500KVA	53	76	100	111
18	550KVA	61	90	123	134
19	650KVA	66	97	132	143
20	725KVA	75	113	149	165
21	800KVA	86	124	164	184
22	900KVA	108	160	220	248
23	1000KVA	108	160	220	248
24	1250KVA	143	196	259	288
25	1500KVA	165	250	340	384
26	1750KVA	201	302	403	445
27	1810KVA	202	303	419	465
28	2000KVA	243	351	472	527

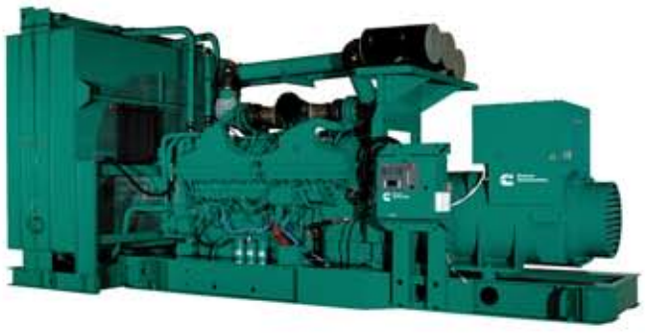


Cummins Specifications Chart

Model	Prime Power	Standby Power	Engine	Alternator	Dimensions (mm)			Weight (wet)
	(KVA)	(KVA)	Cummins	Stamford	L	W	H	Kg
TPC-11	11	12	3A1.4-G1	BCI 164 B	1350	550	1000	378
TPC-14	14	15.4	3A1.7-G1	BCI 164 D	1350	550	1000	392
TPC-21	21	22.5	4A2.3-G1	BCI 184 E	1550	550	1100	443
TPC-34	34	38	4B3.3-G1	BCI 184 H	1650	600	1300	647
TPC-50	50	53	4Bt3.3-G2	UCI 224 D	1750	600	1500	736
TPC-65	65	71	4Bt3.9-G4	UCI 224 F	1900	625	1500	899
TPC-82	82	87	4BTA3.9-G3	UCI 224 G	1900	650	1500	956
TPC-100	100	105	4BTA3.9-G4	UCI 274 C	1900	650	1500	924
TPC-109	109	120	6BT5.9-G6	UCI 274 D	2300	680	1550	1085
TPC-137	137	150	6BTA5.9-G3	UCI 274 E	2300	700	1550	1171
TPC-139	139	145	6CT8.3-G2	UCI 274 E	2600	830	1600	1518
TPC-189	189	209	6CTA8.3-G2	UCI 274 H	2600	830	1600	1672
TPC-220	220	250	6CTAA8.3-G3	UCDI 274 J	2700	830	1650	1686
TPC-230	230	250	QSL9-G2	UCDI 274 J	2885	1100	1750	1637
TPC-250	250	265	LTA10-G3	UCDI 274 K	3200	950	1700	2197
TPC-300	300	340	QSL9-G5	HCI 444 D	2885	1100	1750	1850
TPC-325	325	360	NT855-G6	HCI 444 E	3250	1100	1915	2870
TPC-369	369	408	NTA855-G4	HCI 444 F	3250	1100	1920	3071
TPC-500	500	560	QSX15-G8	HCI 544 D	3750	1250	1990	3348
TPC-530	530	596	KTA19G4	HCI 544 E	3400	1250	2050	4067
TPC-663	663	710	VTA28-G5	HCI 544 F	3850	1500	2100	5700
TPC-750	750	820	QSK23-G2	HCI 634 G	4100	1700	2200	6550
TPC-810	810	885	QSK23-G3	HCI 634 H	4100	1700	2200	6550
TPC-957	957	1060	QST30-G3	HCI 634 J	4200	1450	2225	7250
TPC-957	957	1060	KTA38-G3	HCI 634 J	4500	1800	2400	8100
TPC-1050	1050	1156	QST30-G4	HCI 634 K	4350	1800	2450	7700
TPC-1051	1051	1156	KTA38-G5	HCI 634 K	4500	1800	2400	8500
TPC-1305	1305	1415	KTA5-G3	PI 734 B	5000	1500	2500	10800
TPC-1434	1434	1570	KTA50-G8	PI 734 C	5150	2000	2900	11300
TPC-2020	2020	2105	QSK60-G4	PI 734 F	5700	2500	3400	15400
TPC-2225	2225	2225	QSK60-G4	PI 734 G	5700	2500	3400	15850

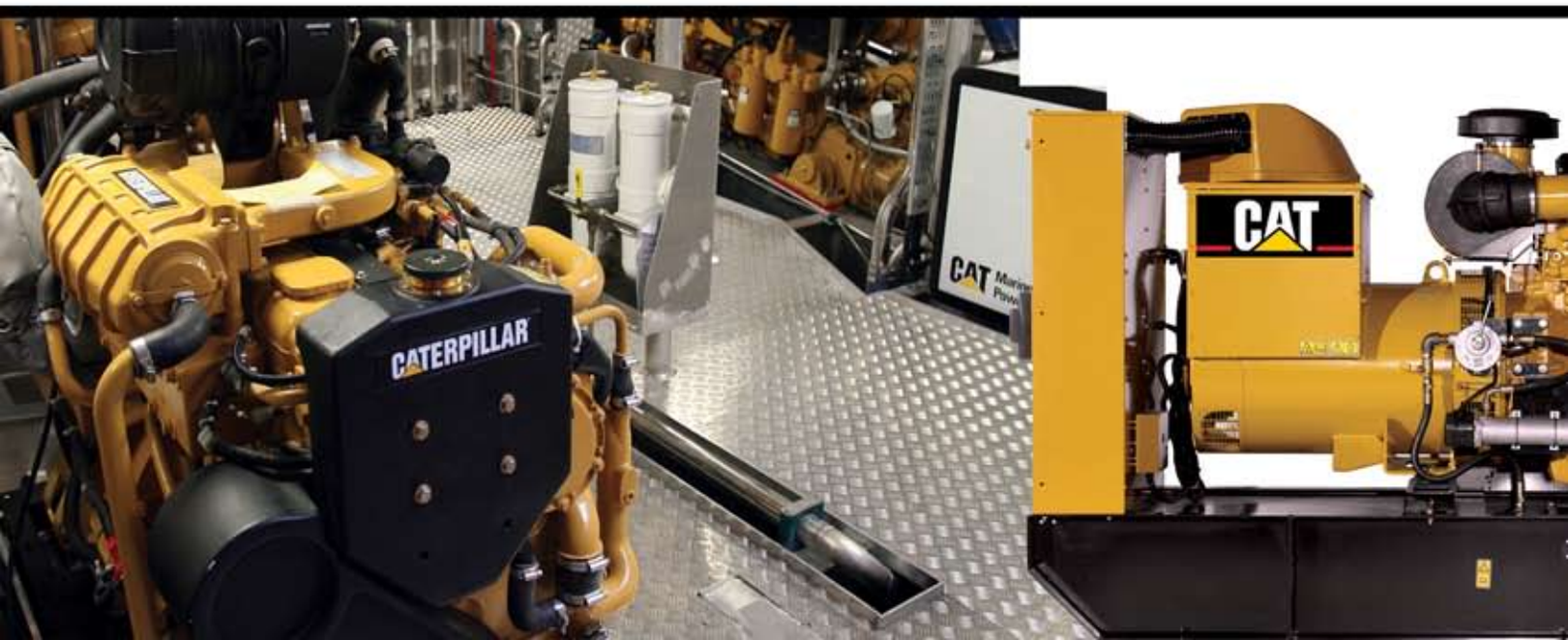
Fuel Consumption (liters/hour)

SL No	(KVA)	50% Load	75% Load	100% Load	110% Load
1	11KVA	N.A	N.A	N.A	N.A
2	14KVA	N.A	N.A	N.A	N.A
3	21KVA	N.A	N.A	N.A	N.A
4	34KVA	3.9	5.4	7.1	7.9
5	50KVA	5.9	8.4	11	12.9
6	65KVA	7.3	10.5	14.1	15.6
7	82KVA	9.7	14	18.7	20.5
8	100KVA	11.2	17.1	22.6	24.9
9	109KVA	16	23	31	27
10	137KVA	16.5	24.1	31.5	34.6
11	139KVA	16.5	24.1	31.5	34.6
12	189KVA	20	30	40	45
13	220KVA	20.5	31	40.2	44
14	230KVA	31	46	56	62
15	250KVA	24	36	45	49.7
16	300KVA	31	46	63	75
17	325KVA	36	52	69	76
18	369KVA	39	57	76	84
19	500KVA	54.7	78.7	103	123
20	530KVA	57	82	107	121
21	663KVA	66	97	132	143
22	750KVA	79	117	151	168
23	810KVA	85	121	161	178
24	957KVA	94	139	184	204
25	1050KVA	111	173	220	242
26	1051KVA	119	189	228	246
27	1305KVA	139	199	261	293
28	1434KVA	155	222	289	345
29	2020KVA	200	291	394	437
30	2225KVA	N.A	N.A	N.A	N.A



CAT Caterpillar OLYMPIAN Specifications Chart

Model	Power Output KW		Diesel Consumption	Engine Model	Generator Model	Excitation Type	Cylinder
	Standby	Prime	L/Hr (Full Load)	Caterpillar			No.
GEP9.5-2	7.6	6.8	2.8	403D-11G	LL1014H	Brushless self excitation	3
GEP13.5-4	11	10	4.0	403D-15G	LL1014H	Brushless self excitation	3
GEP18-4	14.4	13.2	4.8	404D-22G1	LL1014L	Brushless self excitation	4
GEP22-4	17.6	16	5.9	404D-22G	LL1014N	Brushless self excitation	4
GEP30-1	24	21.6	6.9	1103A-33G1	LL1014Q	Brushless self excitation	3
GEP33-1	26.4	24	7.6	1103A-33G1	LL1014S	Brushless self excitation	3
GEP44-5	35.2	32	10.3	1103A-33TG1	LL2014B	Brushless self excitation	3
GEP50-5	40	36	11.9	1103A-33TG1	LL2014C	Brushless self excitation	3
GEP55-1	44	40	13.0	1103A-33TG2	LL2014D	Brushless self excitation	3
GEP65-5	52	48	15.1	1103A-33TG2	LL2014H	Brushless self excitation	3
GEP88-1	70.4	64	19.9	1104A-44TG2	LL2014L	Brushless self excitation	4
GEP110-2	88	80	24.1	1104C-44TAG2	LL3014B	Brushless self excitation	4
GEP150	120	108	34.4	1006TAG	LL3014F	Brushless self excitation	6
GEP165	132	120	33.5	1006TAG2	LL3014H	Brushless self excitation	6
GEP200-2	160	144	43.9	1106C-E66TAG4	LL5014F	Brushless self excitation	6
GEH220-2	176	160	54.3	1306C-E87TAG4	LL5014F	Brushless self excitation	6
GEH250-2	200	184	61.2	1306C-E87TAG4	LL5014H	Brushless self excitation	6
GEH275-2	220	200	63.3	1306C-E87TAG6	LL5014J	Brushless self excitation	6
GEP400-3	320	280	79.1	2206A-E13TAG2	LL6114B	Brushless self excitation	6
GEP450-3	360	320	90.1	2206A-E13TAG3	LL6114D	Brushless self excitation	6
GEP500-1	400	360	98.6	2506A-E15TAG1	LL6114D	Brushless self excitation	6
GEP550-1	440	400	106.8	2506A-E15TAG2	LL6114F	Brushless self excitation	6
GEP605-1	484	440	122.5	2806A-E18TAG1	LL6114G	Brushless self excitation	6
GEP660-1	528	480	131.1	2806A-E18TAG1A	LL6114K	Brushless self excitation	6
GEP700-1	560	508	140.0	2806A-E18TAG2	LL7024H	Brushless self excitation	6
GEP1650-1	1320	-	326.3	4012-46TAG2A	LL8224H	AREP	12
GEP1875-1	1500	-	391.0	4012-46TAG3A	LL9124H	AREP	12
GEP2000-1	1600	-	419.6	4016TAG1A	LL9124H	AREP	16
GEP2200-1	1760	-	474.1	4016TAG2A	LL9124H	AREP	16



Cylinder Diameter	Stroke	Displacement	Oil Capacity	Base Oil Tank	Cooling Water	Set Dimenstions	Weight
MM	MM	L	L	L	L (total capacity)	MM (L x W x H)	Kg (gross weight)
77	81	1.1	4.9	4.9	5.2	1320 x 552 x 1179	334
84	90	1.5	6.0	6.0	5.3	1320 x 552 x 1179	393
84	100	2.2	10.6	10.6	6.5	1320 x 552 x 1179	454
84	100	2.2	10.6	10.6	6.5	1320 x 552 x 1179	467
105	127	3.3	8.3	8.3	10.2	1770 x 714 x 1368	800
105	127	3.3	8.3	8.3	10.2	1770 x 714 x 1368	810
105	127	3.3	8.3	8.3	10.2	2150 x 752 x 1366	884
105	127	3.3	8.3	8.3	10.2	2150 x 752 x 1366	884
105	127	3.3	8.3	8.3	10.2	2150 x 752 x 1366	904
105	127	3.3	8.3	8.3	10.2	2150 x 752 x 1366	954
105	127	4.4	8.0	8.0	13	2149 x 752 x 1366	1074
105	127	4.4	8.0	8.0	17.5	2370 x 735 x 381	1180
100	127	6.0	19.0	19.0	37.2	2675 x 900 x 1460	1480
100	127	6.0	19.0	19.0	40.2	2675 x 900 x 1564	1535
105	127	6.6	16.5	16.5	27	2817 x 900 x 1637	1663
116.6	135.9	8.7	26.4	26.4	45.3	2960 x 1003 x 1718	2052
116.6	135.9	8.7	26.4	26.4	45.3	2960 x 1003 x 1718	2137
116.6	135.9	8.7	26.4	26.4	45.3	2960 x 1003 x 1718	2252
130	157	12.5	40.0	40.0	45.2	3500 x 1110 x 2158	2715
130	157	12.5	40.0	40.0	45.2	3500 x 1110 x 2158	2860
135	167	15.2	62.0	62.0	38.3	3700 x 1110 x 2143	3831
135	167	15.2	62.0	62.0	38.3	3700 x 1110 x 2143	3958
145	183	18.1	55.5	55.5	61	4111 x 1536 x 2246	4725
145	183	18.1	55.5	55.5	61	4111 x 1536 x 2246	4787
145	183	18.1	55.5	55.5	61	4111 x 1536 x 2246	4870
160	190	45.8	177	177	207	5095 x 1900 x 2435	9910
160	190	45.8	177	177	212	5215 x 2205 x 2490	11115
160	190	61.1	238	238	355	5725 x 2300 x 3020	15700
160	190	61.1	238	238	355	5725 x 2300 x 3020	15700

Lister Petter Specifications Chart

Model	Prime Power	Standby Power	Engine	Overall Dimension LxWxH (mm)		Dry Weight kgs	
	(KVA)	(KVA)	Lister Petter	Open Frame	Soundproof	Open Frame	Sound proof
TPL10-1	10	11	LPW2	1442x715x997	1693x743x1143	375	425
TPL15-1	15	16.5	LPW3	1442x715x997	1693x743x1143	400	475
TPL20-1	20	22	LPW4	1442x715x997	1693x743x1143	425	500
TPL25-1	25	27.5	LPWT4	1442x715x997	1693x743x1143	450	525
TPL30-1	30	33	DWS4	1600x700x1110	2000X850X1300	600	750
TPL125-1	125	137.5	LL100	2520x870x1550	3200x1100x2200	1800	2215
TPL200-1	200	220	LL200	2790x870x1600	3200x1100x2200	2100	2650

Fuel Consumption (liters/hour)

SL No	Model	Power	r/min	1500	1800	2000	2500	3000
1	LPW2	Continuous	litre/hr	1.9	2.3	2.5	3.2	3.9
2	LPW3		litre/hr	2.8	3.4	3.8	4.7	5.9
3	LPW4		litre/hr	3.8	4.6	5.0	6.3	7.8
4	LPWT4		litre/hr	4.9	6.0	7.1	8.8	10.6
5	DWS4		litre/hr	7.9	N.A	N.A	N.A	N.A
6	LL100		litre/hr	29.7	N.A	N.A	N.A	N.A
7	LL200		litre/hr	43.6	N.A	N.A	N.A	N.A

ISUZU

Power in your Command

Isuzu diesel engines lead the way with technological advancements offering a wide range of compliant EPA Interim Tier 4 products. Our cooled EGR and highly-optimized performance calibrations, each a component of Isuzu Clean Air Solutions (ICAS), innovate and fuel what matters most: your profits.

Deutz

If you want to know what is behind the DEUTZ brand, there are people all over the world who can tell you. Whereever DEUTZ engines are in use, there is one thing our customers can be sure of: you can depend on a DEUTZ. No matter what the demands. No matter where in the world. The name DEUTZ has a firm place in the world of machine manufacturers and machine operators. And has had for over 140 years.

HONDA

Wherever you need it, Honda has the power to keep you going. For whatever reason you need extra power, Honda's got the generator for you. Giving you the power you really need. The power of choice.

Automatic Transfer Switch (ATS)

Purpose of ATS

For emergency power in buildings, an Auto Transfer Switch (ATS) is essential. The ATS can automatically transfer load from main power to emergency power without operator intervention. When the main power fails or voltage drop below 80% of normal voltage, the ATS will start the emergency generator, after a preset time of 0 to 10 seconds (adjustable). At rated speed, the ATS will transfer load to emergency power with available size ranging from 32A to 4000A. There is a switch suitable for every project's need.

Features:

- Mechanically held contactor & Breaker
- Optionally 4 or 3 pole
- Rating range from 32 to 4000A

Types of ATS

ATS Motorized Type:

Automatic transfer switch consists of Motorized breaker (MCCB/ ACB) electrically and mechanically interlocked as per the regulations and standards of local Authorities SEWA/ DEWA/ ADDC/ FEWA.

ATS Contactor Type:

Automatic transfer switch consists of 4 pole/ 3 pole contactors mechanically interlocked to transfer the load automactically.

ATS Changeover Type:

Automatic transfer switch consists of Changeover (Automatic) 4 pole/ 3 pole motorized to transfer the load automactically along with the option of manual bypass.

Synchronizing Panel

Power in your Command

Synchronization panels are mainly designed and used to meet power system requirements. These panels provide manual as well as automatic synchronizing function for one or more generator breakers. They are widely used in synchronizing generators and offering multiplexing solutions.

Product Description

- A Generator Control Unit: This unit Deep Sea Controller (made-in-uk) automatically matches the generator frequency and voltage levels with that of the bus.
- A Syncrocloser Unit: Sends the closing command to the breaker at the exact moment of phase coincidence.
- A Syncrocloser Check Relay: Performs the progressive function of verifying voltage and phase angle conditions and ensuring that they are within preset limits, before allowing the breaker to close.

The device is provided with control switches in the front panel. These switches are responsible for manual raising and lowering of the speed and voltage of the generator to match the bus frequency and voltage before synchronizing. Voltmeters and digital meters are also installed to offer generator and bus measurements.

Light Towers

The most advanced winch-operated light tower on the market, the LT6600 consists of an heavy-duty trailer, four floodlights and a diesel-driven generator set mounted in a weatherproof enclosure for quiet operation. Operator control and troubleshooting are easier with centralized control panel and total protections to diesel engine.

The LT6600 has premium features not available on other cable-operated light towers, such as long-life galvanized tower sections and a retractable power cord. With reliable Stamford alternator.

Additional Features and Benefits

1. A single, hand-operated safety winch raised the three-piece telescoping tower from horizontal to vertical, then extends to its full 9m height. Tower is 360 degree rotatable for easy aiming of floodlights from ground level and galvanized for long, trouble-free life.

2. Weatherproof enclosure reduces engine noise outside cabinet (as low as 70 dBA at 7 meters). Directed ventilation provides cooler operation.

3. Electrical System includes:
   a) Key start control board allows operator to start and stop the engine by key, and monitor engine and generator with the automatic shutdown protections of low oil pressure, high water temperature, etc. and complete electrical system from one easily accessible panel.
   b) Individual floodlight circuits.
   c) odular plug-in components with Mil-Spec connectors (ballasts, power cord and floodlights) can be replaced by operator when electrician is no available.

4. Rugged floodlight fixture with lamp-end support and tempered lens. Floodlights can be mounted on cross-arm during travel mode.

5. Tilt spring starts tower toward travel position when lowering.

6. Extra heavy-duty trailer frame constructed of structural steel tubing.

7. Long-lasting automotive finish with prime coat and five-steps, corrosion-resistant, iron phosphate pre-treatment. All parts painted prior to assembly.

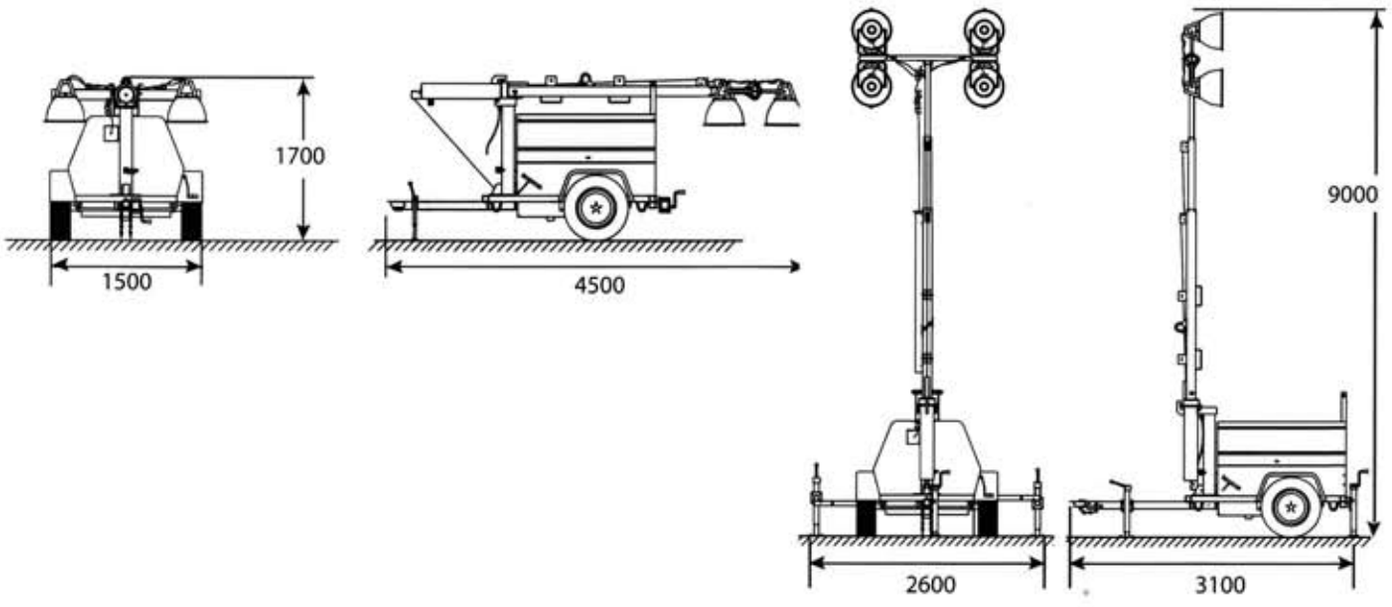
8. 25 gal. (95 Liters) motive fuel tank provides up to 60 hours of operation.

9. Single-point lifting eye and tie-down rings assure safe and balanced lifting and transport.

Power in your Command

Technical Data

Model	LT 6600		LT 6600K		LT 6600L
Engine Model	YSAD380(LESTER)		D1105-BG(KUBOTA)		LPWS2(LISTER PETTER)
Frequency (Hz)/Speed (rmp)	50(1500)	60(1800)	50(1500)	60(1800)	50(1500) 60(1800)
Standby Power (Kw)	6.6	7.7	7.7	8.0	6 7.7
Prime Power (Kw)	6	7	7	7.5	5.6 7
Rating Voltage (v)	220	240	220	240	220240
Voltage Regulation/Phase	±1.0% / Single				
Diesel Engine Characters	Natural Aspiration, Water-cooled				
Number of Cylinders	3		3		2
Combustion Type	Direct Injection		E-TVCS		Indirect Injection
BoreXStroke (mm)	80 X 90		78 X 78.4		86 X 80
Displacement (L)	1.36		1.12		0.93
Acoustic Pressure	70dBA at 7 meters				
Generator Insulation	H				
Generator Protection	IP 22				
Fuel Tank Capacity (L)	95				
Illumination Type	Metallic Halogen Lamp				
Floodlight Power (W)	1000				
Floodlight Quantity	4 pcs				
Illuminating Distance (m)	100				
Rotatable Angle	360°				
Tyre Diameter (cm)	70				
Gross Weight (kg)	800		730		750
Full Container Load	20" (6 units) / 40" (12 units)				



Service & Maintenance

TECHNOPOWER has one of the most effective generator maintenance centre in the country. Our 24/7 response has been ranked as one of the best in UAE. With over 500 satisfied customers, we've gained ample experience in fulfilling each customer's unique needs.

Although we have various customized maintenance packages, the following highlights come as standard:

24 / 7 Emergency Response:

We operate 24 hours per day, seven days a week, all year long. All you have to do is call and we'll come to your rescue in no time.

Free Routine Checks:

Our teams will be visiting your generator(s) on a routine basis. This enables us to monitor its performance, detect problems at an early stage, as well as ensure that the genset is serviced on time.

Free GenWash:

We operate several mobile Gen-Wash stations fully equipped with steam washers, and other cleaning instruments. We will visit your generator at least once a month and perform a general cleaning exercise essential to your machine.

Preventive Maintenance:

Changing certain parts at the right time can prevent very costly breakdowns. We'll make sure you get continuous updates based on the manufacturer's recommendations.

VIP Treatment:

With TECHNOPOWER's maintenance package, you're always a VIP. Our support officers have been extensively trained to attend to your every request. Still not satisfied? Just dial any of our escalation numbers for a serious shake up.

Our packages are extremely flexible as well as reasonable. You'll get all of the above and much more at very sensible rates. All you need to do is contact any of our offices to get you started.

Power in your Command

Our Next Step

introducing

Gas Generators

powered by

Perkins

A gas generator has the main advantage of fuel being very accessible, although not very cheap. Many power tools and other equipment use gas for fuel including lawn powers, chain saws, and air blowers because of the access to gas and the power produced. Gas can be stored in different fuel containers of different sizes which makes portable gas generators very efficient. Marine and RV vehicles can use gas generators to match the fuel types used in those applications as well. Gas also produces a reliable amount of power and is dependable.

Gas Generators Powered by Perkins Engine

Perkins 4006, 4008, 4012 and 4016 are available in sparkignited form to run on a wide range of methane-based gases. These are available as a Gas Electrounit for powergeneration, or as a Cogen Unit for combined heat and power applications.

Designed for maximum fuel efficiency, the 4016 TESI offers high power to weight ratio and represents an economical solution to power and heat requirements. The 4016 TESI is ideally suited to installations where there is good gas maturity. For installations where the amount of gas precludes the use of larger power modules, Perkins is developing and introducing a higher efficiency, low emissions module. The 4006 TESI produces 300 kW and can be used at sites before and after the normal 15-20 years of gas maturity. As a consequence this maximises the landfill gas site life, enhancing potential revenues from electricity generation and sale.

Techno Power FZC

power in your command

Q4-094, Sharjah Airport Int'l Free Zone,
Sharjah - UAE. P.O.Box: 9170,

Phone: +971 6 557 9794
Fax: +971 6 557 9792
Mobile: +971 50 8953798

Email: ashraf@technpower.com
Website: www.technpower.com