



FUELING THE FUTURE

Introduction

Synergy power equipment trading is a professional generator supply company located at Al-Qusais Industrial 1. The firm delivers generators on sale as well as rental basis around the globe. 'Synergy' has over hundreds of gen sets in stock and have a skilled team of mechanical and electrical. The extent of our services include supply of generators with maintenance where people don't have ease of access in getting spares, accessories or emergency repairing services.

Synergy Power Equipment Trading firm manufactures diesel and gas generators working on natural gas, LPG & Bio gas having sound proof environment. We design your power within the required budget by using 50% of our own products which results friendly generators with lower fuel consumption. We also fulfill individual requirements, providing fully customized products to meet every power that you need.

The company owns different models of generators. The operational cost is minimized within the direct services and we assure you that we create value for money policies to satisfy our customers. We plan your power at your location as per your desire. Our prime services also include first to set for safety measures which ensure your convenience and quality guaranteed.

We endeavor to care for our customers and provide outstanding services and arrangements. The first and foremost priority is to deliver quality services in comfort and safety levels for superior experience of your project.

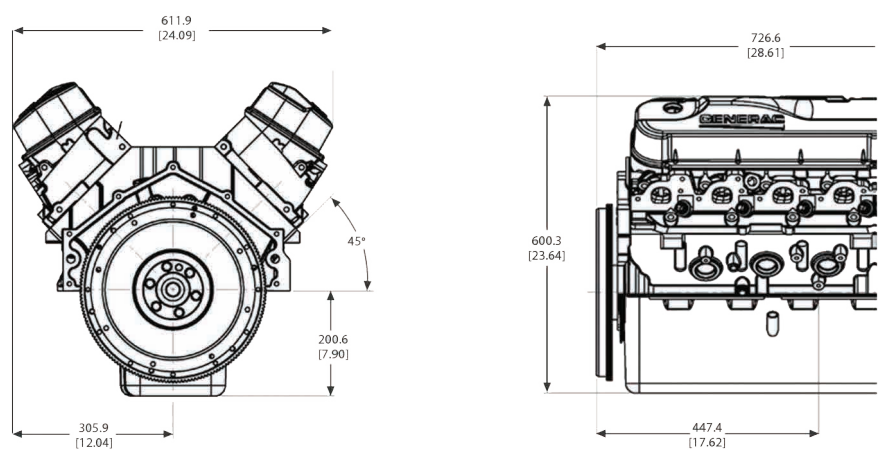


POWER FAILURE IS NOT AN OPTION

Utility power goes out. Productivity goes down. Facilities are at risk. That's unacceptable. Synergy Power Trading keeps facilities for communication to colleges, up and running.

Synergy Power Trading provides more than power. We give the best possible services for our clients so as to give them the confidence to relax and focus on their business. Our business is solely power generation, Not Trucks, Not tractors.

Just Generators



The industrial requirements of modern day can't be met with the technological solutions of 20th century. That's the reason why Synergy Power Trading Solutions in-house R & D and testing provide leading-edge control, engine and power monitoring technology that keeps pace with current critical-mission enterprises

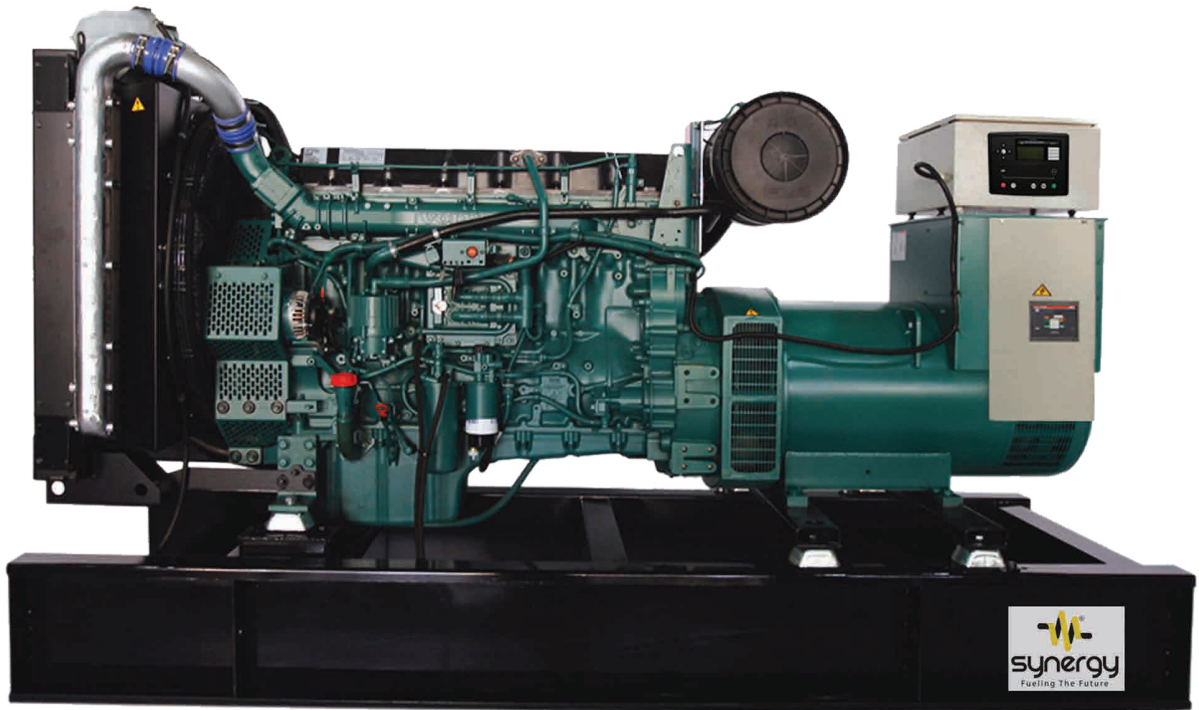
Just Generators

Diesel engines, optimized for use in power generation allows us to meet a broad range of industrial and commercial power needs.



Generator Set Options

- ❖ Open model Suited for indoor placement within a dedicated building or mechanical room
- ❖ Weather protective enclosure Provides outdoor protection against the elements
- ❖ Sound attenuated enclosure options



Two levels provide significantly lower sound levels and are offered in weather protective enclosures

- ❖ Intuitive and interactive touch-screen menus and displays
- ❖ Remote software updating capabilities
- ❖ Digital synchronization scope - displays phase angle
- ❖ Load-sharing parameters - displays KVAR and power factor controls
- ❖ Backup controls allow for semi-automatic (manual) synchronizing to the system bus
- ❖ Controls frequency, voltage and load balancing without master controller dependency

Control panels, Load Distribution Panel, PLC Panel, Synchronizing Panel and Automatic transfer panels putting you in charge

- ❖ Digital voltage regulation with overvoltage protection
- ❖ Alternator Protection
- ❖ Digitally adjustable voltage/frequency settings
- ❖ A wide array of monitored attributes including kW, KVA, power factor, frequency, phase voltages & currents
- ❖ Built-in PLC functions for customer inputs and outputs
- ❖ Local/Remote interface via communications software
- ❖ Data logging, trending and automatic service reminders or alarms

Sales and Service Support

We would love to serve you with the best service. Synergy Power Trading Solutions are committed to serve you with the best service for we believe it's as important as product quality and reliability. We offer only genuine parts and also provide genuine parts after sales.

Synergy Power Trading Solutions service support for all generators, controllers and switching systems. We can provide 24/7 emergency response (Team Lead with highly trained and qualified engineers and technicians), warranty service and scheduled maintenance programs.

- ❖ 24/7/365 assistance
- ❖ Engineering and project management capabilities include professional and complete design and installation consultative services
- ❖ Dedicated strategic account support or successful implementation of backup power programs

Just Generators

- ❖ Excellent performance
- ❖ A generator that works when you need it most
- ❖ Long-term proven reliability
- ❖ Lower total owning costs
- ❖ Environmentally friendly options
- ❖ Availability when you need it

Designed for rental market applications

Synergy Power Trading Solution is designed specifically for the rental industry where the sets are constantly being transported from site to site. All built into rental specific sound-proofed canopies and feature a high specification to provide the flexibility to use these generators in a wide range of applications and provide high utilization rates. As standard, all sets have a digital control panel, the base is wider than the canopy to ensure that the canopy does not become damaged during transportation, extended run fuel tanks, three way fuel valve, external lockable fuel filler, pre fuel filter, auxiliary socket box with individual breaker protection. To increase versatility further. With the ability to have remote monitoring and control, these units give all of the functions required to meet almost all applications.

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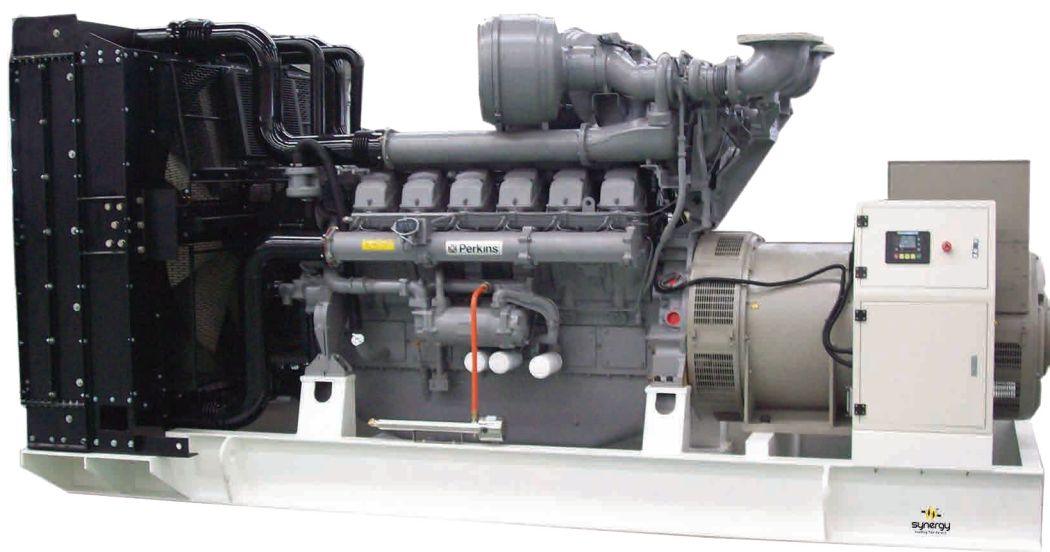
Genset Model	Engine Model	Alternator
KVP95	TAD531GE	UCI224G
KVP110	TAD531GE	UCI274C
KVP140	TAD532GE	UCI274E
KVP160	TAD731GE	UCI274F
KVP200	TAD732GE	UCI274G
KVP220	TAD733GE	UCI274H
KVP275	TAD734GE	USDI274K
KVP300	TAD940GE	HCI444D
KVP350	TAD1341GE	HCI444E
KVP375	TAD1342GE	HCI444E
KVP400	TAD1343GE	HCI444F
KVP450	TAD1344GE	HCI444F
KVP500	TAD1345GE	HCI544C
KVP550	TAD1641GE	HCI544D
KVP630	TAD1642GE	HCI544E
KVP700	TAD1643GE	HCI544F

VOLVO POWERED



SYNERGY POWER GENERATION

PERKINS POWERED



VOLVO POWERED



FUELING THE FUTURE

PERKINS POWERED

GENSET POWDER		LEROY SOMER		FUEL CONSUMPTION			
Genset Model	Engine Model	Stand By (kVA) PF:8.0	Prime(kVA) PF:8.0	Model	Prime(kVA)	Open	100%
SP10PE	403D-11G	10	9	L.S/S.F	10	44	2.6
SP14PE	403D-15G	14	12.5	L.S/S.F	12.5	44	6.8
SP22PE	404D-22G	22	20	L.S/S.F	20	95	5.3
SP33P	1103A-33G	33	30	L.S/S.F	30	82	7.1
SP50P	1103A-33TG1	50	45	L.S/S.F	50	82	10.7
SP66P	1103A-33TG2	66	60	L.S/S.F	60	82	13.9
SP72P	1104A-44TG1	72	65	L.S/S.F	72.5	154	14.8
SP88P	1104A-44TG2	88	80	L.S/S.F	85	154	18.7
SP110P	1006TG2A	110	100	L.S/S.F	100	195	21.8
SP110PE	1104C-44TAG2	110	100	L.S/S.F	100	154	22.6
SP150P	1006TAG	150	136	L.S/S.F	140	195	31.5
SP165P	1106TAG2	165	150	L.S/S.F	160	195	41
SP200PE	1106C-E66TAG4	200	180	L.S/S.F	182	350	40.2
SP220PE	1306C-E87TAG3	220	200	L.S/S.F	200	473	45.2
SP275PE	1306C-E87TAG6	275	250	L.S/S.F	250	473	56.9

PERKINS POWERED

GENSET POWDER		LEROY SOMER		FUEL CONSUMPTION			
Genset Model	Engine Model	Stand By (kVA) PF:8.0	Prime(kVA) PF:8.0	Model	Prime(kVA)	Open	100%
SP330PE	2206C-E13TAG2	330	300	L.S/S.F	300	525	84
SP385PE	2206C-E13TAG2	385	350	L.S/S.F	350	525	84
SP440PE	2206C-E13TAG3	440	400	L.S/S.F	400	525	92
SP500PE	2506C-E15TAG1	500	455	L.S/S.F	500	870	99
SP550PE	2506C-E15TAG2	550	500	L.S/S.F	500	870	106
SP660P	2806A-E18TAG1A	660	600	L.S/S.F	610	1200	123
SP715P	2806A-E18TAG2	715	650	L.S/S.F	670	1200	132
SP800P	4006-23TAG2A	800	730	L.S/S.F	810	500	161
SP900P	4006-23TAG3A	900	810	L.S/S.F	810	500	172
SP1100P	4008-TAG2A	1110	1000	L.S/S.F	1030	500	226
SP1400P	4012-46TWG2A	1400	1250	L.S/S.F	1260	N/A	266
SP1650P	4012-46TAG2A	1650	1500	L.S/S.F	1550	N/A	342
SP1875P	4012-46TAG3A	1875	1705	L.S/S.F	1900	N/A	380
SP2250P	4016TAG2A	2250	2000	L.S/S.F	2080	N/A	447
SP2500P	4016-61TRG3A	2420	2200	L.S/S.F	2200	N/A	473

Synergy Power Equipment Trading is producing the Power Generators by modern technology. currently we have three ranges in 8-KVA, 22-KVA, and 32-KVA for domestic purpose and small industries. Meanwhile our basic features of our product are mentioned below

- ❖ Smart Casing
- ❖ Minimum Fuel Consumption
- ❖ Operating with Natural Gas
- ❖ Ultra Low Vibration
- ❖ Ultra Low Noise



Toyota Hi Tech Engine



Hi tech 3-4 & 6 cylinders DOCH family engine which are made by Japan

Brushless Alternate

We are optimized with power supplies utilized high quality brush less alternate. All instrumentation and Computer based equipments

Fully Automatic Computer Controlled System with TFT Displayed Micro computer based control systems which control all auto/manual functions and shows at 7" color TFT screen all the parameters. eg. main voltage, frequency, voltage, battery power status, rpm and many more.

Safety Error

- Low Oil Pressure
- Over Temperature
- Abnormal Shutdown
- Over Heat
- Over Speed
- Over Voltage
- Low Voltage

Product Specifications

<u>Model</u>	<u>Production Capacity</u>	<u>Dimension</u>
FP-8000	08-kVA	L-143 cm/ W-59 cm/ H-100 cm
FP-22000	22-kVA	L-162 cm/ W-74 cm/ H-113 cm
FP-32000	32-kVA	L-196 cm/ W-95 cm/ H-113 cm



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