

FLYDEER ENERGY

RELIABLE ENERGY.
POWERING PROGRESS.

FLYDEER ENERGY · 2026

**DIESEL
GENERATOR
SETS
& POWER
SOLUTIONS**



EMAIL



TELEPHONE



WEBSITE



COMPANY ADDRESS



FLYDEER ENERGY · COMPANY BROCHURE

CONTENTS

RELIABLE POWER. KEY CONTENT AT A GLANCE.

BROWSE THE BROCHURE

Move through six focused sections covering company strengths, engineering capability, project experience and the generator-set portfolio.

CORE SECTIONS

COMPANY · ENGINEERING · SOLUTIONS
GENERATOR SETS · PROJECTS · PARTNERS

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COMPANY PROFILE
Company overview and
development milestones

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**ENGINEERING &
PRODUCTION**
Power expertise,
manufacturing and R&D

03 PAGE 09

POWER SOLUTIONS
Open, silent, trailer and high-
voltage systems

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GENERATOR SETS
Brand ranges and technical
specifications

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Selected installations and
industry applications

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GLOBAL PARTNERS
Brand alliances and
worldwide service support

INDUSTRIAL POWER EXPERTISE

FLYDEER ENERGY

DEPENDABLE SYSTEMS FOR DEMANDING OPERATIONS

Flydeer Energy integrates the engineering, manufacturing, sales and service of diesel generator sets. Its modern production base delivers more than 5,000 units annually across open, silent, containerized and mobile configurations, with tailored selections for varied ratings, environments and duty cycles.

From application consulting and system design to production, commissioning and lifecycle support, Flydeer supplies dependable solutions for construction, energy, industry, transportation, telecommunications and emergency operations.



5000+

ANNUAL OUTPUT



20+

PRODUCTION EXPERIENCE



R&D

PATENTED PRODUCTS

WHERE THE
JOURNEY
STARTED

2009

POWER, BUILT
FOR REAL WORK

READY FOR
CRITICAL DUTY

ENGINEERED THROUGH PROGRESS

COMPANY MILESTONES

2009



Group established
First genset built

2013



Fu'an plant opened
Capacity expanded

2018



CE certified
Entered Europe

2023



In-house products
Scaled to market



ENGINEERING DISCIPLINES

R&D

APPLIED R&D

Solutions matched to duty

QC

PROCESS CONTROL

Verified build standards

360°

FIELD SUPPORT

Commissioning through service

PRECISION BEHIND EVERY START

PROVEN POWER

DISCIPLINE IN EVERY DETAIL

Flydeer embeds quality across planning, engineering, sourcing, production, inspection and delivery. Controlled workflows keep every stage traceable and consistent.

Every power system is configured for its operating duty, then validated through standardized assembly, process checks and final acceptance before release.

READY FOR DEMANDING DUTY

CERTIFIED FOR GLOBAL DEPLOYMENT

POWER GENERATION EXPERTS



ISO 9001

Quality Management



ISO 14001

Environmental Management



OHSAS 18001

Occupational Health & Safety



CE

European Conformity



CCC

Compulsory Certification



ECM

Machinery Compliance



CAPABILITY AT SCALE

PRODUCTION

PRECISION-BUILT PRODUCTION

Automation, live production data and strict quality gates keep every build efficient and consistent.



01 ORDERED FLOW. RELIABLE OUTPUT.



02 AUTOMATION AT WORK

CNC tools, welding robots, sheet-metal lines, automated paint systems, laser cutters and machining centres form one integrated production base.



03 CONTROLLED END TO END

Progress, inventory and quality data are tracked in real time. Each stage stays visible, traceable and governed by defined procedures.



01 PRECISION IN EVERY PROCESS

DESIGN. PROVE. IMPROVE.

ENGINEERING INSIGHT VERIFIED IN PRACTICE

Experienced specialists explore practical technical paths, then collaborate across concept, development and validation to refine each solution.

01 CONCEPT

02 ENGINEER

03 VALIDATE



02 SYSTEM TESTED UNDER REAL CONDITIONS



03 DURABILITY STARTS IN THE DETAILS

R&D CAPABILITY

A TEAM BUILT TO SOLVE



OPEN-TYPE GENSET

Open-frame design with efficient heat dissipation



OUTPUT RANGE

20–2,000 kW

Diesel engine, radiator, fuel tank, silencer, alternator and control systems are integrated for prime or standby power.

ENGINEERED FEATURES

01 OPTIMIZED COOLING

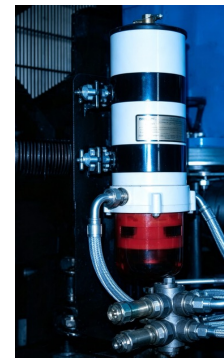
Open airflow supports efficient heat release.

02 QUICK SERVICE

Critical components remain directly accessible.

03 VERSATILE DUTY

Built for industrial, construction and public use.



PRODUCT 02 · DIESEL POWER

SILENT GENSET

Low-noise enclosure with outdoor
protection



OUTPUT RANGE

20-600 kW

Acoustic materials and a compound silencer
reduce mechanical and exhaust noise to
approximately 68-85 dB(A) at 1 m.

ENGINEERED FEATURES

01 LOW-NOISE OPERATION

Enclosure and silencer work together.

02 OUTDOOR PROTECTION

Designed for rain, snow and sun exposure.

03 VENTILATION & ACCESS

Managed airflow supports routine service.



TRAILER-MOUNTED GENSET

Purpose-built chassis for flexible deployment



OUTPUT RANGE

30-500 kW

For regional construction, emergency repairs and temporary power—easy to relocate, quick to deploy and ready for changing worksites.

ENGINEERED FEATURES

01 FLEXIBLE TOWING

Swivel hitch and 360° turntable.

02 STABLE PARKING

Brakes and stabilisers secure operation.

03 OUTDOOR SILENCING

Double-wall canopy protects and cools.



CONTAINERIZED GENSET

Integrated power engineered for rapid deployment



CONFIGURATION

PROJECT-SPECIFIC

Generator, cooling, exhaust and control systems are coordinated within a transportable container—simplifying site installation while protecting critical equipment.

ENGINEERED FEATURES

01 INTEGRATED PACKAGE

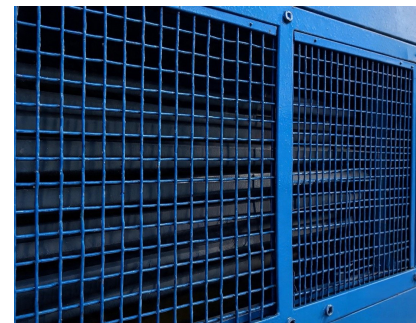
Generator, cooling and controls in one enclosure.

02 SITE-READY

Steel structure supports outdoor installation.

03 SERVICE ACCESS

Dedicated doors and airflow paths.



HV DISTRIBUTION SYSTEM

Intelligent paralleling and modular distribution

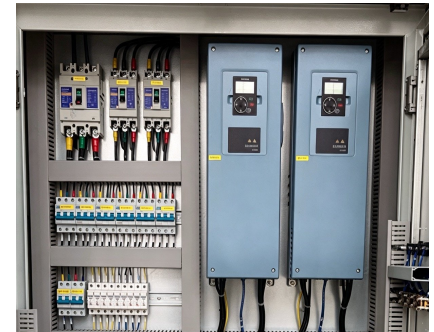
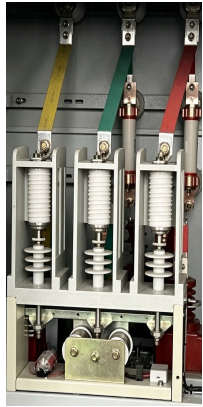
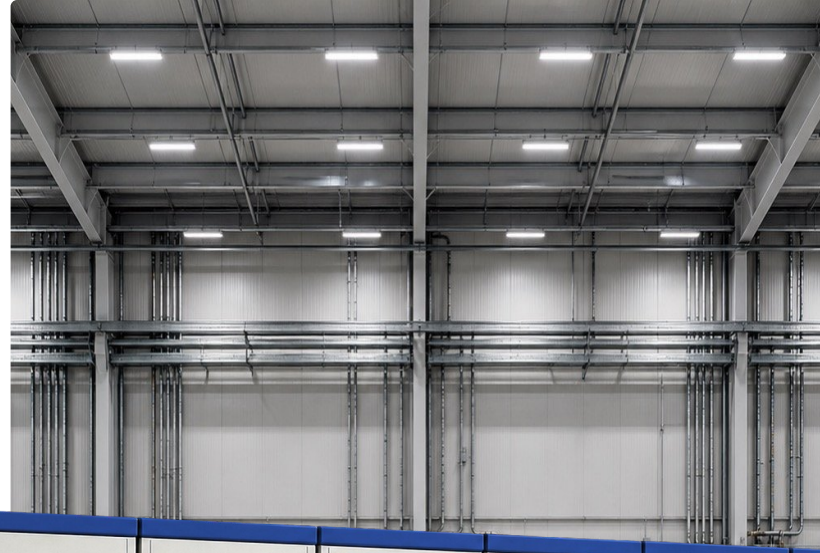


ARCHITECTURE
MODULAR · SCALABLE

For multi-unit paralleling, load sharing and expansion, with a clear, controllable and service-friendly distribution architecture.

ENGINEERED FEATURES

- 01 PARALLELING**
Synchronise, share and isolate.
- 02 SCALABLE**
Modular cabinet expansion.
- 03 REMOTE MONITORING**
Status, alarms and communications.



PRODUCT ACCESSORIES

GENUINE PARTS. DEPENDABLE SUPPORT.

FLYDEER Energy provides dependable after-sales support to keep generator sets running reliably for years. For upgrades and overhauls, the right spare parts are essential to stable operation and efficient maintenance.

AIR FILTER · OIL FILTER · FUEL FILTER · BELT
STARTER MOTOR · FUEL INJECTOR · TURBOCHARGER



OEM SPECIFICATION · RELIABLE FIT · TIMELY SUPPLY

CONFIGURED FOR REAL-WORLD DEMANDS

ACCESSORIES & SUPPORT SYSTEMS

As a complete power-solution provider, FLYDEER Energy supplies more than diesel generator sets. Our accessories and auxiliary systems support extended operation, lower noise, cold-climate starting, fast response, remote control and synchronized multi-set operation.



GENERATOR MUFFLER

Noise reduction: 15-30 dB(A)



WATER JACKET HEATER

Temperature range: 35-50°C



FUEL TANK

6000 L fuel tank



DOUBLE-WALL FUEL TANK

4500 L double-wall fuel tank



CONTROL CABINET

Integrated control and monitoring



PARALLELING CABINET

For synchronized multi-set operation

DEPENDABLE INTEGRATION / FLEXIBLE EXPANSION / LIFECYCLE SUPPORT

DOMESTIC POWER PLATFORM / 01

YUCHAI DIESEL GENERATOR SETS

LOCAL SUPPORT, BROAD POWER COVERAGE

MARKET POSITIONING

Designed for infrastructure, mining and manufacturing projects that value responsive regional support and flexible genset packaging.

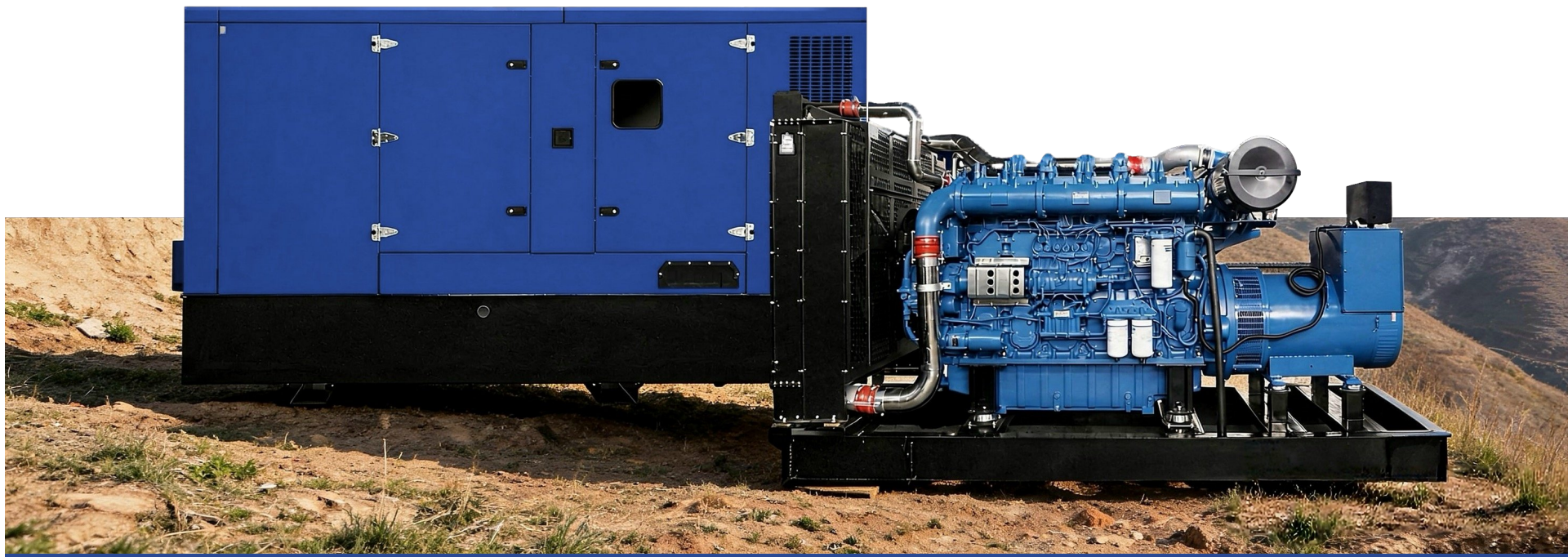
YUCHAI BRAND OVERVIEW

Yuchai offers an industrial engine portfolio spanning compact units through high-output platforms, backed by accessible parts and service resources across China.

APPLICATIONS Infrastructure · Mining · Manufacturing · Standby power

CONFIGURATION APPROACH

Specify cooling, control and acoustic packages around ambient conditions, duty cycle and planned maintenance access.



50 HZ 20~2750KVA
TECH DATA

YUCHAI

GENERATOR SET						DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-16	16	20	18	23	4D24G6	2.45	1650x730x1270	500	2400x1100x1450	900
FDP-20	20	25	22	28	4D24G7	2.45	1650x730x1270	500	2400x1100x1450	900
FDP-24	24	30	26	33	4D24TG2	2.45	1650x730x1270	500	2400x1100x1450	900
FDP-30	30	38	33	41	4D24TG0	2.45	1650x730x1270	500	2400x1100x1450	900
FDP-45	45	56	50	63	YC4D80-D34	4.21	1850x750x1120	1160	2400x1100x1450	1500
FDP-50	50	63	55	69	YC4D90-D34	4.21	1900x750x1120	1160	2500x1100x1450	1650
FDP-60	60	75	66	83	YC4DI05-D34	4.21	1900x750x1120	1200	2500x1100x1450	1700
FDP-70	70	88	77	96	YC4DI20-D31	4.21	1900x750x1120	1500	3000x1200x1670	2300
FDP-80	80	100	88	110	YC4DI40-D31	4.21	1900x750x1120	1500	3000x1200x1670	2300
FDP-90	90	113	99	124	YC4DI55-D31	4.21	1900x750x1120	1500	3000x1200x1670	2300
FDP-80	80	100	88	110	YC4A140-D30	4.84	2000x840x1175	1460	3000x1200x1670	2260
FDP-90	90	113	99	124	YC4A155-D30	4.84	2050x840x1175	1460	3000x1200x1670	2260
FDP-100	100	125	110	138	YC4A190-D30	4.84	2050x840x1175	1500	3000x1200x1670	2300
FDP-120	120	150	132	165	YC6A205-D30	7.25	2500x930x1685	1650	3000x1200x1670	2450
FDP-140	140	175	154	193	YC6A230-D30	7.25	2500x930x1685	1850	3200x1200x1750	2650
FDP-150	150	188	165	206	YC6A245-D30	7.25	2500x930x1685	1850	3200x1200x1750	2650
FDP-160	160	200	176	220	YC6A275-D30	7.25	2500x930x1685	1850	3200x1200x1750	2650
ERS-200	200	250	220	275	YC6MK350-D30	10.34	2900x1100x1600	2450	3600x1300x1960	3750
FDP-250	250	313	280	350	YC6MK420-D30	10.34	2950x1100x1600	2630	3900x1500x2020	3930
FDP-280	280	350	310	388	YC6MK450-D30	10.34	3000x1100x1600	2750	3900x1500x2020	4000
FDP-300	300	375	330	413	YC6K500-D31	12.16	3250x1280x1730	2970	4200x1800x2100	4500
FDP-320	320	400	340	425	YC6K520-D30	12.16	3250x1280x1730	3970	4200x1800x2100	4500
FDP-350	350	438	385	481	YC6K600-D30	12.94	3320x1280x1730	3120	4200x1800x2100	4700
FDP-400	400	500	440	550	YC6T660-D31	16.35	3450x1360x1750	3925	4200x1800x2100	5500
FDP-450	450	563	500	625	YC6TD780-D31	19.6	3600x1460x1930	4500	6058x2438x2591	10500
FDP-500	500	625	550	688	YC6TD840-D31	19.6	3600x1460x1930	4600	6058x2438x2591	10600
FDP-550	550	688	600	750	YC6TD900-D31	19.6	3600x1460x1930	4600	6058x2438x2591	10600
FDP-600	600	750	660	825	YC6DI000-D30	19.6	3600x1460x1930	4750	6058x2438x2591	10750
FDP-600	600	750	660	825	YC6CI020-D31	39.58	4600x1800x2450	8150	6058x2438x2591	14150
FDP-640	640	800	710	888	YC6CI070-D31	39.58	4600x1800x2450	8170	6058x2438x2591	14170
FDP-730	730	913	800	1000	YC6CI220-D31	39.58	4600x1800x2450	8200	6058x2438x2591	14200
FDP-800	800	1000	900	1125	YC6CI320-D31	39.58	4600x1800x2450	8200	6058x2438x2591	14200
FDP-900	900	1125	1000	1250	YC6CI520-D31	39.58	4600x1800x2450	8300	6058x2438x2591	14300
FDP-1000	1000	1250	1100	1375	YC6A1660-D30	39.58	4600x2000x2450	8350	6058x2438x2591	14350
FDP-800	800	1000	880	1100	YC12VTD1350-D30	39.2	4350x2150x2450	8500	6058x2438x2591	14500
FDP-1000	1000	1250	1100	1375	YC12VTD1680-D30	39.2	4450x2150x2450	8800	6058x2438x2591	14800
FDP-1100	1100	1375	1200	1500	YC12VTD1830-D30	39.2	4500x2150x2450	8850	6058x2438x2591	14850
FDP-1200	1200	1500	1320	1650	YC12VTD2000-D30	39.2	4550x2200x2550	9000	6058x2438x2591	15000
FDP-1200	1200	1500	1320	1650	YC12VC2070-D31	79.17	5850x2350x2810	14350	12192x2438x2896	24350
FDP-1350	1350	1688	1485	1856	YC12VC2270-D31	79.17	5850x2350x2810	14500	12192x2438x2896	24500
FDP-1350	1350	1688	1485	1856	YC16VTD2270-D30	52.26	5850x2350x2810	11800	12192x2438x2896	21800
FDP-1500	1500	1875	1600	2000	YC16VTD2510-D30	52.26	6000x2500x2850	11950	12192x2438x2896	21950
FDP-1700	1700	2125	1800	2250	YC16VTD2700-D32	52.26	6000x2500x2850	12100	12192x2438x2896	22100
FDP-1500	1500	1875	1600	2000	YC12VC2510-D31	79.17	5850x2350x2810	14750	12192x2438x2896	24750
FDP-1700	1700	2125	1800	2250	YC12VC2700-D31	79.17	5850x2350x2810	15000	12192x2438x2896	25000
FDP-1800	1800	2250	2000	2500	YC16VC3000-D31	105.56	7120x2630x3020	20000	12192x2438x2896	30000
FDP-2000	2000	2500	2200	2750	YC16VC3300-D31	105.56	7410x2630x3020	20500	12192x2438x2896	30500
FDP-2200	2200	2750	2400	3000	YC16VC3600-D31	105.56	7580x2630x3020	21000	12192x2438x2896	31000

60 HZ 23~1000KVA
TECH DATA

YUCHAI

GENERATOR SET							DIMENSIONS & WEIGHT			
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-18	18	23	20	25	YC4V35Z-D21	2.5	1700x750x1350	597	2280x1000x1250	880
FDP-24	24	30	26	33	YC4V45Z-D21	2.5	1700x750x1350	597	2280x1000x1250	910
FDP-30	30	38	33	41	YC4V55Z-D21	2.5	1950x650x1240	778	2400x1000x1250	1170
FDP-36	36	45	40	50	YC4D65-D20	4.21	2000x650x1240	810	2400x1000x1250	1320
FDP-45	45	56	50	62	YC4D80Z-D20	4.21	1900x700x1170	895	2500x1000x1250	1210
FDP-55	55	69	61	76	YC4A100Z-D20	4.84	1900x700x1170	900	2500x1000x1250	1350
FDP-72	72	90	79	99	YC6B130Z-D20	6.87	2340x900x1500	1415	3000x1100x1700	2000
FDP-88	88	110	97	121	YC6B160Z-D20	6.87	2340x900x1500	1415	3000x1100x1700	2000
FDP-116	116	145	128	160	YC6B210L-D20	6.87	2400x960x1500	1630	3100x1100x1700	2300
FDP-138	138	173	152	190	YC6A245L-D20	7.25	2860x1020x1850	1970	3450x1100x1900	2780
FDP-160	160	200	176	220	YC6A285-D32	7.25	2860x1020x1850	1970	3450x1100x1900	2780
FDP-200	200	250	220	275	YC6MK360L-D20	10.34	2950x1050x1850	2225	3750x1400x2050	3100
FDP-240	240	300	264	330	YC6MK420L-D21	9.6	2950x1050x1850	2225	3750x1400x2050	3100
FDP-280	280	350	308	385	YC6MJ515L-D22	11.73	3000x1130x1800	2470	3900x1600x2050	3500
FDP-360	360	450	396	495	YC6T660L-D21	16.35	3530x1250x1990	4000	4500x1800x2200	5300
FDP-400	400	500	440	550	YC6T660L-D21	16.35	3530x1250x1990	4670	4500x1800x2200	5420
FDP-450	450	563	495	619	YC6TD780-D32	19.6	3070x1460x1800	4660	4500x1800x2200	5900
FDP-500	500	625	550	688	YC6TD840-D32	19.6	3150x1460x1800	4670	4500x1800x2200	5970
FDP-560	560	700	616	770	YC6TD940-D32	19.6	4200x1460x2400	6670	4700x1800x2200	7970
FDP-600	600	750	660	825	YC6TD1020-D32	19.6	4450x1480x2420	7670	206P	9650
FDP-640	640	800	704	880	YC6TH1070-D33	28.14	4450x1480x2550	7755	206P	9750
FDP-730	730	913	803	1004	YC6TH1220-D33	28.14	4450x1480x2550	7850	206P	9880
FDP-800	800	1000	880	1100	YC6TH1350-D33	28.14	4450x1480x2550	7990	206P	9900

DOMESTIC POWER PLATFORM / 02

WEICHAI DIESEL GENERATOR SETS

DURABLE POWER FOR DEMANDING DUTY

DUTY POSITIONING

Suited to fixed and mobile projects where sustained loading, operating resilience and dependable output are central selection criteria.

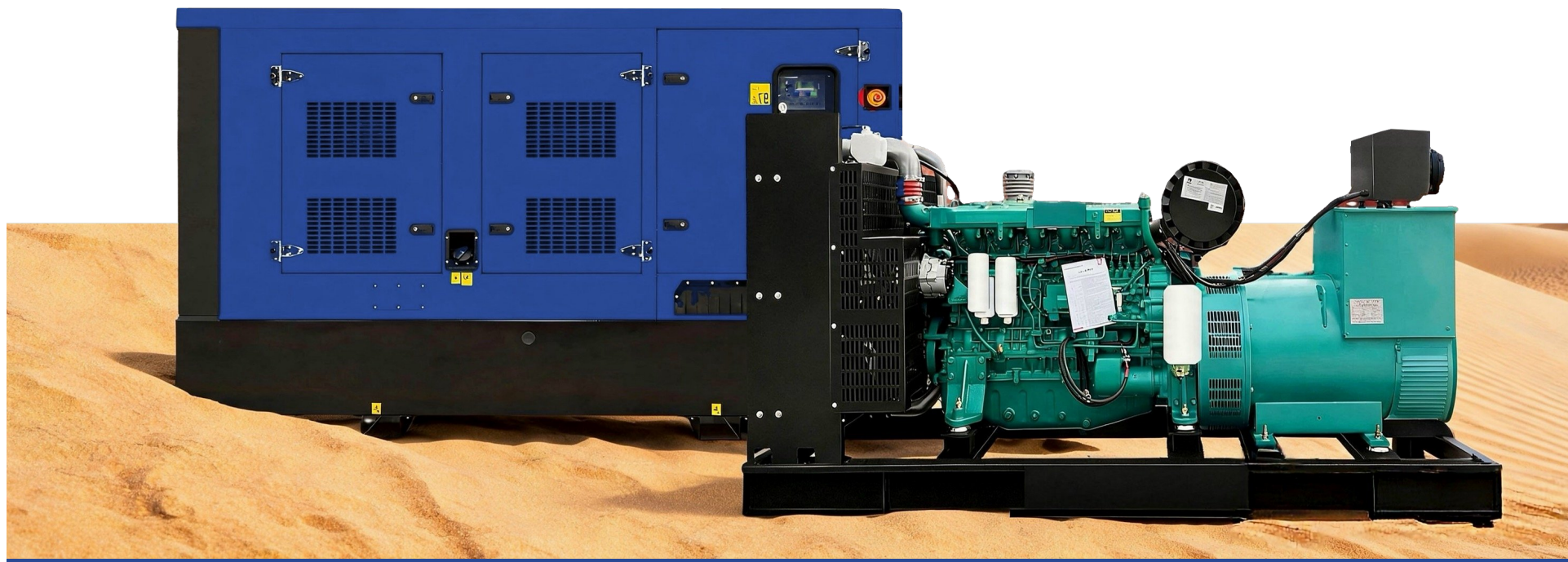
WEICHAI BRAND OVERVIEW

Weichai combines engine development, manufacturing depth and powertrain integration to support demanding industrial and engineering applications.

APPLICATIONS Construction · Energy projects · Telecom · Industrial production

PROJECT ENGINEERING

Coordinate radiator capacity, filtration, controls and structural protection with the site's environmental and load profile.



50 HZ 20~3000KVA
TECH DATA

WEICHAI

GENERATOR SET							DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)	
	(KW)	(KVA)	(KW)	(KVA)							
FDP-16	16	20	18	22	WP2.3D25E200/23KW	2.289	1700x650x1100	464	2000x900x1200	749	
FDP-20	20	25	22	28	WP2.3D33E200/30KW	2.3	1700x650x1100	484	2250x900x1200	789	
FDP-24	24	30	26	33	WP2.3D33E200/30KW	2.3	1830x650x1100	670	2250x900x1250	975	
FDP-30	30	38	33	41	WP2.3D40E200/36KW	2.3	1830x650x1100	685	2250x900x1250	985	
FDP-36	36	45	40	50	WP2.3D48E200/44KW	2.3	1830x630x1320	687	2350x950x1250	995	
FDP-40	40	50	44	55	WP4.1D66E200/60KW	4.087	1900x750x1320	712	2350x950x1250	1030	
FDP-50	50	63	55	69	WP4.1D66E200/60KW	4.087	1900x860x1150	910	2550x1000x1280	1030	
FDP-60	60	75	66	83	WP4.1D80E200/72kw	4.087	1900x860x1150	1020	2700x1100x1400	1075	
FDP-75	75	94	82.5	103	WP4.1D100E200/90KW	4.087	2100x860x1150	1130	2700x1100x1400	1085	
FDP-108	108	135	119	149	WP4D132E200/120KW	6.75	2500x1000x1650	1340	3350x1100x1650	2230	
FDP-120	120	150	132	165	WP4D152E200/138KW	6.75	2500x1000x1650	1510	3450x1100x1650	2420	
FDP-150	150	188	165	206	WP10D200E200/182KW	9.726	3180x1050x1750	1910	3600x1100x1650	2780	
FDP-180	180	225	198	248	WP10D238E200/216kw	9.726	3280x1050x1750	2130	3750x1300x1850	2920	
FDP-200	200	250	220	275	WP10D264E200/240kw	9.726	3280x1050x1750	2220	3750x1300x1850	3000	
FDP-260	260	325	286	358	WP10D320E200/291kw	9.726	3380x1050x1750	2360	3900x1400x2200	3111	
FDP-260	260	325	286	358	WP12D353E200/288kw	11.596	3580x1550x2100	2560	3900x1400x2200	3320	
FDP-300	300	375	330	413	WP13D385E200/350kw	12.54	3880x1550x2100	2750	4200x1600x2200	3560	
FDP-320	320	400	352	440	WP13D405E200/368kw	12.54	3880x1550x2100	2880	4500x1800x2200	3850	
FDP-360	360	450	396	495	WP13D440E200/392kw	12.54	3880x1550x2100	3020	4500x1800x2200	4130	
FDP-400	400	500	440	550	WP13D490E310/450KW	12.54	3880x1550x2100	3160	4500x1800x2200	4330	
FDP-440	440	550	484	605	6M33D572E200	19.6	4350x1600x2100	4440	4800x1800x2200	5890	
FDP-500	500	625	550	688	6M33D633E200/575KW	19.6	4350x1600x2100	4635	4900x1800x2200	6010	
FDP-600	600	750	660	825	6M33D725E310/675KW	19.6	4350x1600x2100	4835	5400x2000x2500	6550	
FDP-640	640	800	704	880	8M33D800E200/730/800KW	26.14	4750x1800x2200	5160	5400x2000x2500	7160	
FDP-730	730	913	803	1004	8M33D890E200/815/890KW	26.14	4750x1800x2200	5160	5400x2000x2500	7160	
FDP-800	800	1000	880	1100	12M26D968E200/880KW	31.8	5050x1800x2200	6980	5900x2200x2500	8530	
FDP-900	900	1125	990	1238	12M33D1108E200/1007KW	31.8	5260x2200x2550	8900	5900x2200x2500	12900	
FDP-1000	1000	1250	1100	1375	12M33D1210E200/1108KW	31.8	5460x2200x2550	9300	6400x2200x2500	14300	
FDP-1100	1100	1375	1210	1513	12M33D1320E200/1200KW	31.8	5460x2200x2550	10000	6400x2200x2500	16500	
FDP-1200	1200	1500	1320	1650	12M33D1500E310/1350KW	31.8	5460x2200x2550	10500	40HQ	20500	
FDP-1300	1300	1625	1430	1788	16M33D1530E310/1390KW	52.3	6027x2350x2580	12000	40HQ	22000	
FDP-1300	1300	1625	1430	1788	16M33D1580E310/1430KW	52.3	6027x2350x2580	12600	40HQ	22600	
FDP-1400	1400	1750	1540	1925	16M33D1680E310/1530KW	52.3	6027x2350x2580	13000	40HQ	23000	
FDP-1500	1500	1875	1650	2063	16M33D1800E310/1680KW	52.3	6027x2350x2580	13600	40HQ	23600	
FDP-1600	1600	2000	1760	2200	16M33D1980E310/1800KW	52.3	6027x2350x2580	13600	40HQ	23600	
FDP-1800	1800	2250	1980	2475	12M55D2120E310/2010KW	65.65	7200x2450x2690	18500	40HQ	28500	
FDP-2000	2000	2500	2200	2750	12M55D2450E310/2200KW	65.65	7200x2450x2690	19500	40HQ	29500	
FDP-2200	2200	2750	2420	3025	12M55D2700E310/2420KW	65.65	7200x2450x2690	19500	40HQ	29500	
FDP-2400	2400	3000	2640	3300	16M55D2900E310/2644KW	87.5	7800x2550x2690	21000	40HQ	31000	

60 HZ 25~2000KVA
TECH DATA

WEICHAI

GENERATOR SET						DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		DIESEL POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-20	20	25	20	28	WP2.3D30E201	2.3	1700x650x1100	484	2000x900x1200	789
FDP-30	30	38	33	41	WP2.3D41E201	2.3	1830x650x1100	685	2250x900x1250	985
FDP-35	35	44	39	48	WP2.3D47E201	2.3	1830x630x1320	687	2350x950x1250	995
FDP-40	40	50	44	55	WP2.3D58E201	2.3	1900x750x1320	712	2350x950x1250	1030
FDP-60	60	75	66	83	WP4.1D80E201	4.1	1900x860x1150	1020	2700x1100x1400	1075
FDP-75	75	94	83	103	WP4.1D95E201	4.1	2100x860x1150	1130	2700x1100x1400	1085
FDP-85	85	106	94	117	WP4.1D115E201	4.1	2200x960x1250	1230	2900*1050*1500	1185
FDP-90	90	113	99	124	WP4.1D120E201	4.1	2200x960x1250	1230	2900*1050*1500	1185
FDP-100	100	125	110	138	WP4D132E201	6.75	2500x1000x1650	1340	3350x1100x1650	2230
FDP-120	120	150	132	165	WP4D158E201	6.75	2500x1000x1650	1510	3450x1100x1650	2420
FDP-145	145	181	160	199	WP4D180E201	6.75	2500x1000x1650	1510	3400*1300*1700	2420
FDP-150	150	188	165	206	WP10D200E201	9.73	3180x1050x1750	1910	3600x1100x1650	2780
FDP-180	180	225	198	248	WP10D238E201	9.73	3280x1050x1750	2130	3750x1300x1850	2920
FDP-200	200	250	220	275	WP10D264E201	9.73	3280x1050x1750	2220	3750x1300x1850	3000
FDP-280	280	350	308	385	WP10D360E201	9.73	3280x1050x1750	2500	3500*1300*1800	3200
FDP-300	300	375	330	413	WP13D385E201	12.54	3880x1550x2100	2750	4200x1600x2200	3560
FDP-350	350	438	385	481	WP13D448E311	12.54	3880x1550x2100	2750	4600*1800*2250	3650
FDP-360	360	450	396	495	WP13D460E311	12.54	3880x1550x2100	3020	4500x1800x2200	4130
FDP-400	400	500	440	550	WP13D510E311	12.54	3880x1550x2100	3160	4500x1800x2200	4330
FDP-450	450	563	495	619	6M33D572E201	19.6	4350x1600x2100	4535	4600*1800*2250	5450
FDP-520	520	650	572	715	6M33D633E201	19.6	4350x1600x2100	4535	4600*1800*2250	5450
FDP-550	550	688	605	756	6M33D670E201	19.6	4350x1600x2100	4535	4600*1800*2250	5450
FDP-575	575	719	633	791	6M33D710E201	19.6	4350x1600x2100	4535	4600*1800*2250	5450
FDP-600	600	750	660	825	6M33D740E311	19.6	4350x1600x2100	4835	5400x2000x2500	6550
FDP-640	640	800	704	880	8M33D845E201	26.14	4750x1800x2200	5160	5400x2000x2500	7160
FDP-720	720	900	792	990	8M33D909E201	26.14	4750x1800x2200	5160	5400x2000x2500	7160
FDP-800	800	1000	880	1100	8M33D1012E311	26.14	5050x1800x2200	6980	5900x2200x2500	8530
FDP-720	720	900	792	990	12M26D902E201	31.8	4750x1800x2200	5160	5400x2000x2500	7160
FDP-800	800	1000	880	1100	12M26D1012E201	31.8	5050x1800x2200	6980	5900x2200x2500	8530
FDP-900	900	1125	990	1238	12M33D1108E201	31.8	5260x2200x2550	8900	5900x2200x2500	12900
FDP-1000	1000	1250	1100	1375	12M33D1265E201	31.8	5460x2200x2550	9300	6400x2200x2500	14300
FDP-1100	1100	1375	1210	1513	12M33D1320E201	31.8	5460x2200x2550	10000	6400x2200x2500	16500
FDP-1200	1200	1500	1320	1650	12M33D1420E201	31.8	5460x2200x2550	10500	40HQ	20500
FDP-1400	1400	1750	1540	1925	16M33D1680E311	52.3	6027x2350x2580	13000	40HQ	23000
FDP-1500	1500	1875	1650	2063	16M33D1785E311	52.3	6027x2350x2580	13600	40HQ	23600
FDP-1600	1600	2000	1760	2200	16M33D1920E311	52.3	6027x2350x2580	13600	40HQ	23600

DOMESTIC POWER PLATFORM / 03

SDEC DIESEL GENERATOR SETS

RESPONSIVE POWER FOR INDUSTRIAL LOADS

PROJECT POSITIONING

A practical choice for factories, building projects and public facilities that require responsive loading and straightforward upkeep.

SITE CONFIGURATION NOTE

Prime, standby and emergency arrangements can be tailored to available space, noise targets and routine inspection conditions.

SDEC BRAND OVERVIEW

SDEC has long served industrial and engineering power markets with engines focused on load response, robust construction and maintainable layouts.

APPLICATIONS Factory sites · Building works · Logistics · Public services

SITE ADAPTATION

Choose the enclosure, fuel arrangement and control architecture according to operating hours, access routes and deployment constraints.



50 HZ 15~1250KVA
TECH DATA

SDEC

GENERATOR SET						DIMENSIONS & WEIGHT				
CONSET MODEL	PRIME POWER		STANDARD POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-12	12	15	13	17	4Z2.3-G11/16KW	2.3	1820x760x1280	625	2000x950x1250	795
FDP-16	16	20	18	22	4Z2.7-G11/22KW	2.7	1820x760x1280	650	2000x950x1250	830
FDP-20	20	25	22	28	4Z3.0-G11/27KW	3.0	1820x760x1280	687	2280x950x1250	842
FDP-24	24	30	26	33	4Z3.2-G11/32KW	3.2	1820x760x1280	690	2280x950x1250	870
FDP-32	32	40	35	44	4ZT3.2-G11/39KW	3.2	1820x760x1280	702	2280x950x1250	915
FDP-40	40	50	44	55	4ZT3.5-G21/49KW	3.5	1820x760x1280	718	2400x1000x1250	1030
FDP-50	50	63	55	69	4ZT4.1-G21/60KW	4.1	1930x780x1340	875	2500x1000x1250	1140
FDP-56	56	70	62	77	4ZTAA4.1-G21/64KW	4.1	1930x780x1340	935	2600x1100x1280	1205
FDP-50	50	63	55	69	SC4H95D2/62KW	4.3	1930x830x1290	1120	2500x1000x1250	1360
FDP-64	64	80	70	88	SC4H115D2/78KW	4.3	1930x830x1290	1190	2600x1100x1280	1420
FDP-80	80	100	88	110	SC4H140D2/95KW	4.3	2030x830x1290	1220	2700x1100x1600	1450
FDP-90	90	113	99	124	SC4H160D2/107/118KW	4.3	2030x830x1290	1286	2900x1100x1600	1560
FDP-100	100	125	110	138	SC4H180D2/120/132KW	4.3	2030x830x1290	1323	2900x1100x1600	1620
FDP-128	128	160	141	176	SC7H220D2/150/165KW	6.5	2230x830x1490	1842	3000x1100x1600	2185
FDP-150	150	188	165	206	SC7H250D2/168/185KW	6.5	2230x830x1490	1930	3100x1100x1600	2245
FDP-160	160	200	176	220	SC8D280D2/185/204KW	8.3	2340x900x1490	2296	3200x1100x1700	2558
FDP-180	180	225	198	248	SC9D310D2/207/228KW	8.9	2480x880x1490	2312	3200x1100x1700	2645
FDP-200	200	250	220	275	SC9D340D2/228/255KW	8.9	2480x880x1490	2401	3400x1200x1700	2911
FDP-220	220	275	242	303	SC10E380D2/255/280KW	10.4	2900x1100x1850	2453	3600x1300x1900	2954
FDP-240	240	300	264	330	SC13G420/280/308KW	11.8	2900x1100x1850	2478	3600x1300x1900	3010
FDP-250	250	313	275	344	SC12E420D2/280/308KW	11.8	3020x1100x1850	2548	3900x1400x2200	3312
FDP-280	280	350	308	385	SC12E440D2/307/338KW	11.8	3120x1100x1850	2599	3900x1400x2200	3398
FDP-300	300	375	330	413	SC15G500D2/330/363KW	14.2	3120x1100x1850	2642	3900x1400x2200	3452
FDP-350	350	438	385	481	6ETAA12.8-G31/401/441KW	12.8	3300x1400x2300	2866	3900x1600x2200	3760
FDP-400	400	500	440	550	6ETAA12.8-G310/450/495KW	12.8	3300x1400x2300	2950	3900x1600x2200	3860
FDP-450	450	563	495	619	SC27G755D2/505/560KW	26.6	3300x1500x2300	3000	4600x2000x2250	4062
FDP-500	500	625	550	688	SC27G830D2/561/610KW	26.6	3300x1500x2300	3210	4600x2000x2250	4850
FDP-536	536	670	590	737	SC27G900D2/602/662KW	26.6	3400x1500x2300	3357	4800x2000x2250	4950
FDP-600	600	750	660	825	6KTAA25-G32/685/754KW	25.2	4700x1850x2500	4460	5400x2200x2550	5300
FDP-640	640	800	704	880	6KTAA25-G31/718/800KW	25.2	4700x1850x2500	4675	5400x2200x2550	5300
FDP-720	720	900	792	990	6KTAA25-G320/820/902KW	25.2	4700x1850x2500	4875	5800x2200x2550	5580
FDP-800	800	1000	880	1100	6KTAA25-G321/880/968KW	25.2	4700x1850x2500	5050	5800x2200x2550	5580
FDP-900	900	1125	990	1238	6WTAA35-G310/1018KW	35.1	4950x2000x2550	6180	6400x2200x2550	6800
FDP-1000	1000	1250	1100	1375	6WTAA35-G311/1118KW	35.1	4950x2000x2550	6320	6400x2200x2550	6850

60 HZ 20~825KVA
TECH DATA

SDEC

GENERATOR SET							DIMENSIONS & WEIGHT			
GENERATOR MODEL	PRIME POWER		STANDARD POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-16	16	20	17	21	4Z2.3-G21	2.3	1820x760x1280	625	2000x950x1250	795
FDP-20	20	25	22	28	4Z2.7-G21	2.7	1820x760x1280	650	2000x950x1250	830
FDP-24	24	30	26	33	4Z3.0-G21	3.0	1820x760x1280	687	2280x950x1250	842
FDP-30	30	38	33	41	4Z3.2-G21	3.2	1820x760x1280	690	2280x950x1250	870
FDP-34	34	43	37	46	4ZT3.2-G21	3.2	1820x760x1280	702	2280x950x1250	915
FDP-48	48	60	53	66	4ZT3.5-G21	3.5	1820x760x1280	718	2400x1000x1250	1030
FDP-56	56	70	62	78	4ZT4.1-G21	4.1	1930x780x1340	875	2500x1000x1250	1140
FDP-60	60	75	66	83	4ZTAA4.1-G21	4.1	1930x780x1340	915	2600x1100x1280	1105
FDP-64	64	80	70	88	4ZTAA4.1-G31	4.1	1930x780x1340	935	2600x1100x1280	1205
FDP-50	50	63	55	69	4HT4.3-G21	4.3	1930x830x1290	1020	2500x1000x1250	1260
FDP-54	54	68	59	73	4HT4.3-G22	4.3	1930x830x1290	1120	2500x1000x1250	1360
FDP-68	68	85	75	93	4HT4.3-G23	4.3	1930x830x1290	1190	2600x1100x1280	1420
FDP-88	88	110	97	121	4HTAA4.3-G21	4.3	2030x830x1290	1220	2700x1100x1600	1450
FDP-100	100	125	110	138	4HTAA4.3-G23	4.3	2030x830x1290	1223	2900x1100x1600	1520
FDP-100	100	125	110	138	4HTAA4.3-G22	4.3	2030x830x1290	1323	2900x1100x1600	1620
FDP-120	120	150	132	165	6HTAA6.5-G21	6.5	2230x830x1490	1742	3000x1100x1600	2085
FDP-128	128	160	141	176	6HTAA6.5-G22	6.5	2230x830x1490	1842	3000x1100x1600	2185
FDP-160	160	200	176	220	6HTAA6.5-G23	6.5	2230x830x1490	1930	3100x1100x1600	2245
FDP-182	182	228	200	250	6DTAA8.9-G21	8.9	2480x880x1490	2312	3200x1100x1700	2645
FDP-200	200	250	220	275	6DTAA8.9-G24	8.9	2480x880x1490	2201	3400x1200x1700	2811
FDP-220	220	275	242	303	6DTAA8.9-G23	8.9	2480x880x1490	2401	3400x1200x1700	2911
FDP-280	280	350	308	385	6ETAA11.8-G22	11.8	3120x1100x1850	2499	3900x1400x2200	3298
FDP-280	280	350	308	385	6ETAA11.8-G21	11.8	3120x1100x1850	2599	3900x1400x2200	3398
FDP-300	300	375	330	413	6ETAA12.8-G22	12.8	3300x1400x2300	2766	3900x1600x2200	3660
FDP-320	320	400	352	440	6ETAA12.8-G21	12.8	3300x1400x2300	2866	3900x1600x2200	3760
FDP-400	400	500	440	550	6ETAA12.8-G310.1	12.8	3300x1400x2300	2950	3900x1600x2200	3860
FDP-450	450	563	495	619	6KTAA25-G311	25	4700x1850x2500	4460	5400x2200x2550	5300
FDP-550	500	625	550	688	6KTAA25-G310	25	4700x1850x2500	4675	5400x2200x2550	5300
FDP-560	560	700	616	770	6KTAA25-G39	25	4700x1850x2500	4775	5800x2200x2550	5400
FDP-560	560	700	616	770	6KTAA25-G38	25	4700x1850x2500	4875	5800x2200x2550	5400
FDP-600	600	750	660	825	6KTAA25-G32.1	25	4700x1850x2500	4950	5800x2200x2550	5480
FDP-660	660	825	726	908	6KTAA25-G31.1	25	4700x1850x2500	5050	5800x2200x2550	6580

COMPACT POWER PLATFORMS

ISUZU & KUBOTA

TWO ENGINE FAMILIES, ONE FLEXIBLE RANGE

Compact diesel power for space-conscious standby and prime-power installations.



ISUZU ENGINE PROFILE

Isuzu industrial diesel engines combine compact packaging, stable performance and efficient fuel use for small and medium gensets.

KUBOTA ENGINE PROFILE

Kubota's compact engine architecture simplifies service access and suits low-noise installations with limited equipment space.

50 HZ 20~50KVA
TECH DATA

ISUZU&Kubota

ISUZU GENERATOR SET						ISUZU DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-16	16	20	18	22	JE493DB-04	2.771	1820x760x1280	650	2250x900x1220	850
FDP-20	20	25	22	28	JE493DB-02	2.771	1820x760x1280	687	2250x900x1220	900
FDP-24	24	30	26	33	JE493ZDB-04	2.771	1820x760x1280	690	2250x900x1220	900
FDP-30	30	38	33	41	JE493ZLDB-02	2.771	1820x760x1280	702	2300x950x1220	950
FDP-40	40	50	44	55	JE493ZLDB-01	2.771	1820x760x1280	718	2500x950x1220	1050

KUBOTA GENERATOR SET						KUBOTA DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-6	6	8	7	8	D905-E2BG	0.898	1200x500x800	314	1750x900x1100	650
FDP-8	8	9	8	10	D1105-E2BG	1.123	1300x650x1000	363	1900x900x1100	710
FDP-9	9	11	10	12	V1505-E2BG	1.498	1350x650x1000	400	2000x900x1100	760
FDP-10	10	13	11	14	D1703-E2BG	1.647	1350x650x1000	420	2000x900x1100	780
FDP-15	15	19	17	21	V2203-E2BG	2.197	1500x650x1050	500	2200x900x1150	920
FDP-18	18	23	20	25	V2003-T-E2BG	1.999	1500x650x1050	600	2200x900x1150	1020
FDP-22	22	28	24	30	V3300-E2BG2	3.318	1700x650x1100	650	2280x950x1250	1100
FDP-28	28	35	31	39	V3300-T-E2BG2	3.318	1700x650x1100	670	2280x950x1250	1150

60 HZ 25~60KVA
TECH DATA

ISUZU&Kubota

ISUZU GENERATOR SET						ISUZU DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT (kg)	SILENT SIZE (mm)	SILENT WT (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-20	20	25	22	28	JE493DB-03	2.771	1820x760x1280	650	2250x900x1220	850
FDP-24	24	30	26	33	JE493DB-01	2.771	1820x760x1280	687	2250x900x1220	900
FDP-28	28	35	31	39	JE493ZDB-03	2.771	1820x760x1280	690	2250x900x1220	900
FDP-36	36	45	40	50	JE493ZLDB-01	2.771	1820x760x1280	702	2300x950x1220	950
FDP-48	48	60	53	66	JE493ZLDC-01	2.85	1820x760x1280	718	2500x950x1220	1050

KUBOTA GENERATOR SET						KUBOTA DIMENSIONS & WEIGHT				
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT (kg)	SILENT SIZE (mm)	SILENT WT (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-6	6	8	7	8	D905-E2BG	0.898	1200x500x800	314	1750x900x1100	650
FDP-8	8	10	9	11	D1105-E2BG	1.123	1300x650x1000	363	1900x900x1100	710
FDP-10	10	13	11	14	V1505-E2BG	1.498	1350x650x1000	400	2000x900x1100	760
FDP-12	12	15	13	17	D1703-E2BG	1.647	1350x650x1000	420	2000x900x1100	780
FDP-16	16	20	18	22	V2203-E2BG	2.197	1500x650x1050	500	2200x900x1150	920
FDP-20	20	25	22	28	V2003-T-E2BG	1.999	1500x650x1050	600	2200x900x1150	1020
FDP-28	28	35	31	39	V3300-E2BG	3.318	1700x650x1100	650	2280x950x1250	1100
FDP-34	34	43	37	47	V3300-T-E2BG	3.318	1700x650x1100	670	2280x950x1250	1150

GLOBAL POWER PLATFORM / 01

CUMMINS DIESEL GENERATOR SETS

GLOBAL ENGINEERING FOR CRITICAL POWER

CRITICAL-POWER POSITIONING

Developed for variable loads, long operating periods and essential standby systems where predictable performance is a priority.

SYSTEM SELECTION NOTE

Single-set standby installations and synchronized multi-set plants can be engineered around load behaviour and required autonomy.

CUMMINS BRAND OVERVIEW

Cummins power platforms cover a wide output range and combine reliable delivery, fuel efficiency and mature global support for long-term operation.

APPLICATIONS Data centres · Construction · Manufacturing · Emergency power

POWER-SYSTEM INTEGRATION

Align switchgear, synchronization, remote monitoring and fuel storage with redundancy targets and operational procedures.



50 HZ 20-1500KVA
TECH DATA

Cummins

GENERATOR SET							DIMENSIONS & WEIGHT			
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-16	16	20	18	22	4B3.9-G11	3.9	1820x760x1280	675	2280x1000x1250	1130
FDP-20	20	25	22	28	4B3.9-G1	3.9	1820x760x1280	690	2280x1000x1250	1150
FDP-24	24	30	26	33	4B3.9-G2	3.9	1820x760x1280	703	2280x1000x1250	1180
FDP-24	24	30	26	33	4B3.9-G12	3.9	1820x760x1280	703	2280x1000x1250	1180
FDP-30	30	38	33	41	4BT3.9-G1	3.9	1820x760x1280	738	2400x1000x1250	1280
FDP-32	32	40	36	45	4BT3.9-G2	3.9	1820x760x1280	765	2400x1000x1250	1320
FDP-48	48	60	53	66	4BTA3.9-G2	3.9	2070x750x1340	875	2500x1000x1250	1480
FDP-60	60	75	66	83	4BTAA3.9-G11	3.9	2070x750x1340	935	2600x1100x1280	1560
FDP-75	75	94	82	103	4BTAA3.9-G13	3.9	2230x830x1490	995	2900x1100x1600	2100
FDP-75	75	94	88	110	6BT5.9-G1	5.9	2230x830x1490	1095	2900x1100x1600	2200
FDP-80	80	100	88	110	4BTAA3.9-G3	3.9	2230x830x1490	995	2900x1100x1600	2100
FDP-80	80	100	88	110	6BT5.9-G2	5.9	2230x830x1490	1095	2900x1100x1600	2200
FDP-100	100	125	110	138	6BTA5.9-G2	5.9	2230x830x1490	1170	2900x1100x1600	2270
FDP-112	112	140	120	150	6BTA5.9-G2	5.9	2230x830x1490	1261	3000x1100x1600	2380
FDP-120	120	150	132	165	6BTA5.9-G12	5.9	2230x830x1490	1300	3100x1100x1600	2410
FDP-150	150	188	165	206	6CTA8.3-G1	8.3	2640x900x1690	1582	3200x1100x1700	2460
FDP-150	150	188	165	206	6CTA8.3-G2	8.3	2480x880x1490	1582	3200x1100x1700	2460
FDP-160	160	200	176	220	6CTAA8.3-G2	8.3	2480x880x1490	1707	3400x1200x1700	2540
FDP-200	200	250	220	275	6CTAA8.3-G9	8.3	2500x830x1500	1851	3600x1300x1900	2650
FDP-200	200	250	220	275	6LTA8.9-G2	8.9	2500x830x1500	1851	3600x1300x1900	2650
FDP-200	200	250	220	275	6LTA8.9-G3	8.9	2580x1050x1840	1851	3600x1300x1900	2650
FDP-200	200	250	220	275	NT855-GA	14	3020x1100x1850	2535	3900x1400x2200	3100
FDP-240	240	300	264	330	6LTA8.9-G1	9.5	3020x1200x1850	2730	3900x1400x2200	3150
FDP-240	240	300	264	330	NTA855-G1A	14	3020x1100x1850	2700	3900x1400x2200	3150
FDP-260	260	325	286	358	NTA855-G1B	14	3020x1100x1850	2790	3900x1400x2200	3230
FDP-280	280	350	308	385	NTA855-G2A	14	3020x1100x1850	2790	3900x1400x2200	3300
FDP-280	280	350	308	385	NTA855-G4	14	3020x1100x1850	2790	3900x1400x2200	3300
FDP-300	300	375	330	413	6ZTAA13-G3	13	3180x1360x2010	2825	4200x1600x2200	3580
FDP-300	300	375	330	413	NTAA855-G7	14	3020x1100x1850	2915	4200x1600x2200	3580
FDP-320	320	400	352	440	QSN7-G3	14	3020x1100x1850	3015	4200x1600x2200	4800
FDP-320	320	400	352	440	NTAA855-G7A	14	3020x1100x1850	3015	4500x1800x2350	4350
FDP-360	360	450	396	495	6ZTAA13-G2	13	3250x1360x2010	3080	4500x1800x2200	5100
FDP-360	360	450	396	495	QSZ13-G2	13	3200x1360x2182	3175	4500x1800x2200	5100
FDP-360	360	450	396	495	KTA19-G3	18.9	3400x1258x2050	3795	4500x1800x2200	5100
FDP-400	400	500	440	550	QSZ13-G3	13	3400x1258x2050	3300	4500x1800x2200	5200
FDP-400	400	500	440	550	KTA19-G3A	19	3400x1258x2050	3955	4500x1800x2200	5420
FDP-440	440	550	484	605	KTAA19-G5	19	3650x1570x2050	4478	4600x1800x2200	5500
FDP-480	480	600	520	650	KTAA19-G8	19	3700x1570x2080	4028	4600x1800x2200	5500
FDP-500	500	625	550	688	KTAA19-G6A	19	3650x1570x2080	4528	4800x1800x2200	5800
FDP-600	600	750	660	825	KTA38-G1	38	4550x1700x2320	6750	20GP	7500
FDP-600	600	750	660	825	KTA38-G2	38	4550x2100x2320	6750	20GP	7500
FDP-640	640	800	704	880	KTA38-G2B	38	4550x2100x2320	6908	20GP	7800
FDP-730	730	913	800	1000	KTA38-G2A	38	4550x2100x2320	6983	20GP	7800
FDP-800	800	1000	880	1100	KTA38-G5	38	4650x2100x2320	7133	20GP	8100
FDP-900	900	1125	990	1238	KTA38-G9	38	4650x2100x2320	7353	20GP	8500
FDP-1000	1000	1250	1100	1375	KTA50-G3	50	4950x2100x2320	8983	40HQ	11000
FDP-1120	1120	1400	1232	1540	KTA50-G8	50	5100x2150x2400	10120	40HQ	12600
FDP-1200	1200	1500	1320	1650	KTA50-G58	50	5100x2150x2400	10378	40HQ	13400

60 HZ 25-1575KVA
TECH DATA

Cummins

GENERATOR SET							DIMENSIONS & WEIGHT			
GENSET MODEL	PRIME POWER		STANDBY POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-20	20	25	22	28	4B3.9-G11	3.9	1820x760x1280	690	2280x1000x1250	960
FDP-24	24	30	26	33	4B3.9-G2	3.9	1820x760x1280	703	2280x1000x1250	960
FDP-40	40	50	44	55	4BT3.9-G2	3.9	1820x760x1280	765	2400x1000x1250	1320
FDP-50	50	63	55	69	4BTA3.9-G2	3.9	2070x750x1340	875	2500x1000x1250	1480
FDP-68	68	85	75	94	4BTA43.9-G11	3.9	2170x750x1340	995	2700x1000x1250	1560
FDP-80	80	100	88	110	6BT5.9-G2	5.9	2230x830x1490	1095	2900x1100x1600	2200
FDP-100	100	125	110	138	6BTA5.9-G2	5.9	2230x830x1490	1170	2900x1100x1600	2270
FDP-112	112	140	123	154	6BTAA5.9-G2	5.9	2230x830x1490	1261	3000x1100x1600	2380
FDP-120	120	150	132	165	6BTA45.9-G12	5.9	2230x830x1490	1300	3100x1100x1500	2410
FDP-150	150	188	165	206	6CTA8.3-G2	8.3	2480x880x1490	1582	3200x1100x1700	2460
FDP-160	160	200	176	220	6CTAA8.3-G2	8.3	2480x880x1490	1707	3400x1200x1700	2540
FDP-180	180	225	198	248	6LTA48.9-G2	8.9	2500x830x1500	1851	3600x1300x1900	2650
FDP-200	200	250	220	275	6LTA48.9-G3	8.9	2580x1050x1840	1851	3600x1300x1900	2650
FDP-220	220	275	242	303	NT855-GA	14	3020x1100x1850	2535	3900x1400x2200	3100
FDP-250	250	313	275	344	NTA855-G1	14	3020x1100x1850	2600	3900x1400x2200	3100
FDP-280	280	350	308	385	NTA855-G1B	14	3020x1100x1850	2700	3900x1400x2200	3150
FDP-300	300	375	330	413	6ZTAA13-G3	13	3100x1000x1800	2795	3900x1400x2200	3230
FDP-320	320	400	352	440	NTA855-G3	14	3020x1100x1850	2790	3900x1400x2200	3230
FDP-360	360	450	396	495	6ZTAA13-G2	13	3100x1000x1800	2845	4500x1800x2200	4200
FDP-360	360	450	396	495	QSZ13-G2	13	3140x1380x2090	2940	4500x1800x2200	4200
FDP-360	360	450	396	495	KTA19-G2	19	3400x1258x2050	3565	4500x1800x2200	4200
FDP-400	400	500	440	550	QSZ13-G3	13	3200x1380x2090	3140	4500x1800x2200	4300
FDP-400	400	500	440	550	KTA19-G3	19	3400x1258x2050	3795	4500x1800x2200	4300
FDP-450	450	563	495	619	KTA19-G3A	19	3400x1258x2050	3955	4500x1800x2200	4300
FDP-480	480	600	528	660	KTAA19-G5	19	3400x1258x2050	4478	4500x1800x2200	4420
FDP-550	550	688	605	756	KTAA19-G6A	19	3400x1258x2050	4700	4500x1800x2200	4420
FDP-630	630	788	693	866	KTA38-G	37.8	4550x1700x2320	6550	20GP	7500
FDP-728	728	910	801	1001	KTA38-G2	38	4550x1700x2320	6750	20GP	7500
FDP-800	800	1000	880	1100	KTA38-G2A	38	4550x1700x2320	6983	20GP	7800
FDP-900	900	1125	990	1238	KTA38-G4	37.8	4550x1700x2320	7200	20GP	7800
FDP-1000	1000	1250	1100	1375	KTA38-G9	38	4600x2100x2320	7800	20GP	8500
FDP-1100	1100	1375	1210	1513	KTA50-G3	50	4950x2100x2320	9600	40HQ	11000
FDP-1260	1260	1575	1386	1733	KTA50-G9	50.3	5100x2150x2400	10000	40HQ	12600

GLOBAL POWER PLATFORM / 02

PERKINS DIESEL GENERATOR SETS

EFFICIENT POWER, PRACTICAL OWNERSHIP

OPERATING POSITIONING

Well suited to commercial, telecom and industrial sites that balance steady running, convenient maintenance and ownership cost.

OWNERSHIP-FOCUSED SOLUTION

Open, sound-attenuated and containerised formats can be selected around footprint, acoustic limits and technician access.

PERKINS BRAND OVERVIEW

Perkins industrial diesel engines are recognised for established architecture, smooth operation and service-friendly design across prime and standby duties.

APPLICATIONS Commercial facilities · Industry · Telecom · Prime power

LIFECYCLE CONFIGURATION

Balance emissions hardware, cooling provision and service clearances to support efficient operation throughout the equipment lifecycle.



50 HZ 8~2250KVA
TECH DATA

Perkins

GENERATOR SET						DIMENSIONS & WEIGHT				
GENERATOR MODEL	PRIME POWER		STANDARD POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-7	7	8	8	10	403D-11G	1.13	1300x650x1130	420	2000x950x1250	670
FDP-10	10	13	11	14	403A-15G1	1.5	1550x650x1250	510	2000x950x1250	680
FDP-12	12	15	13	17	403A-15G2	1.5	1550x650x1250	520	2000x950x1250	695
FDP-16	16	20	18	22	404A-22G1	2.2	1600x650x1250	560	2000x950x1250	796
FDP-16	16	20	18	22	404D-22G	2.2	1600x650x1250	560	2000x950x1250	796
FDP-20	22	25	22	28	404D-22TD	2.2	1700x700x1250	600	2000x950x1250	830
FDP-24	24	30	26	33	1103A-33G	3.3	1800x750x1250	740	2280x1000x1250	999
FDP-36	35	46	40	50	1103A-33TG1	3.3	1800x800x1250	820	2280x1000x1250	1064
FDP-48	48	60	53	66	1103A-33TG2	3.3	1850x800x1250	870	2500x1000x1250	1179
FDP-50	50	63	55	69	1104A-44TG1	4.4	1850x800x1250	950	2500x1000x1250	1257
FDP-64	64	80	70	88	1104A-44TG2	4.4	2040x810x1250	996	2600x1000x1250	1357
FDP-64	64	80	70	88	1104C-44TAG1	4.4	2040x810x1250	1040	2800x1100x1500	1531
FDP-80	80	100	88	110	1104C-44TAG2	4.4	2140x810x1250	1092	2800x1100x1500	1561
FDP-108	108	135	119	149	1106A-70TG1	7	2400x980x1500	1430	3100x1100x1600	1882
FDP-120	120	150	132	165	1106A-70TAG2	7	2500x980x1500	1520	3100x1100x1600	1965
FDP-144	144	180	158	198	1106A-70TAG3	7	2500x980x1500	1610	3200x1100x1600	2059
FDP-160	160	200	176	220	1106A-70TAG4	7	2550x980x1500	1700	3300x1100x1800	2136
FDP-160	160	200	176	220	1206A-E70TTAG1	7	2550x980x1700	1700	3300x1100x1900	2136
FDP-160	160	200	176	220	1506A-E88TAG1	7	2600x1100x1700	2040	3900x1600x2200	3370
FDP-180	180	225	198	248	1206A-E70TTAG2	7	2550x1020x1700	1790	3500x1300x1900	2430
FDP-180	180	225	198	248	1506A-E88TAG2	7	2700x1100x1700	2130	3900x1600x2200	3550
FDP-200	200	250	220	275	1206A-E70TTAG3	7	2550x1020x1700	1880	3500x1300x1900	2520
FDP-200	200	250	220	275	1506A-E88TAG3	9	2700x1100x1700	2160	3900x1600x2200	3550
FDP-240	240	300	264	330	1506A-E88TAG5	8.8	2800x1100x1700	2480	3900x1600x2200	3763
FDP-240	240	300	264	330	1706A-E93TAG1	9.3	2800x1100x1700	2480	3900x1600x2200	3763
FDP-280	280	350	308	385	1706A-E93TAG2	9.3	2800x1100x1700	2480	3900x1600x2200	3763
FDP-280	280	350	308	385	2206C-E13TAG2	12.5	3450x1000x1800	3220	4200x1600x2200	4533
FDP-320	320	400	352	440	2206C-E13TAG3	12.5	3450x1100x1800	3365	4200x1600x2200	4663
FDP-360	360	450	396	495	2506C-E15TAG1	15.2	3450x1100x1900	3780	4500x1800x2200	5076
FDP-400	400	500	440	550	2506C-E15TAG2	15.2	3450x1100x1900	3950	4500x1800x2200	5236
FDP-480	480	600	528	660	2806C-E18TAG1A	18.1	3550x1200x1900	4150	4800x1800x2200	6000
FDP-520	520	650	572	715	2806A-E18TAG2	18.1	3650x1200x1900	4250	4800x1800x2200	6135
FDP-600	600	750	660	825	2806A-E18TTAG5	18.1	3950x1500x1900	4750	5100x2000x2350	6835
FDP-600	600	750	660	825	4006-23TAG2A	23	4100x1600x2200	5350	5400x2200x2550	8310
FDP-640	640	800	704	880	4006-23TAG3A	23	4100x1600x2200	5430	5400x2200x2550	8395
FDP-800	800	1000	880	1100	4008TAG2A	30.5	4580x1600x2200	7150	5800x2200x2550	9800
FDP-900	900	1125	990	1238	4008-30TAG3	30.5	4580x1600x2200	7200	5800x2200x2550	10130
FDP-1000	1000	1250	1100	1375	4012-46TWG2A	45.8	5000x2100x2400	9356	6400x2200x2550	13025
FDP-1080	1080	1350	1188	1485	4012-46TWG3A	45.8	5000x2100x2400	9356	6400x2200x2550	13220
FDP-1200	1200	1500	1320	1650	4012-46TAG2A	45.8	5200x2100x2400	9634	6400x2200x2550	13388
FDP-1350	1350	1688	1485	1856	4012-46TAG3A	45.8	5200x2100x2400	10172	6400x2200x2550	13688
FDP-1480	1480	1850	1628	2035	4016TAG1A	61.1	5400x2150x2500	12300	7500x2200x2550	16990
FDP-1480	1480	1850	1628	2035	4016-61TRG1	61.1	5400x2150x2500	12300	7500x2200x2550	17140
FDP-1600	1600	2000	1760	2200	4016TAG2A	61.1	5400x2150x2500	12600	7500x2200x2550	17274
FDP-1600	1600	2000	1760	2200	4016-61TRG2	61.1	5600x2150x2500	12600	7500x2200x2550	17410
FDP-1800	1800	2250	1980	2475	4016-61TRG3	61.1	5600x2150x2500	12700	7500x2200x2550	17624

60 HZ 15~1688KVA
TECH DATA

Perkins

GENERATOR SET						DIMENSIONS & WEIGHT				
GENERATOR MODEL	PRIME POWER		STANDARD POWER		ENGINE MODEL	DISPL. (L)	OPEN SIZE (mm)	OPEN WT. (kg)	SILENT SIZE (mm)	SILENT WT. (kg)
	(KW)	(KVA)	(KW)	(KVA)						
FDP-12	12	15	13	17	403D-15G	1.1	1420x650x1205	510	2000x950x1250	670
FDP-13	13	16	14	18	403A-15G2	1.5	1550x650x1250	520	2000x950x1250	680
FDP-19	19	24	21	26	404D-22G	2.2	1600x650x1250	560	2000x950x1250	796
FDP-25	25	31	28	34	404D-22TG	2.2	1700x700x1250	600	2000x950x1250	840
FDP-28	28	35	31	39	1103A-33G	3.3	1800x750x1250	740	2280x1000x1250	999
FDP-42	42	53	46	58	1103A-33TG1	3.3	1800x800x1250	820	2280x1000x1250	1064
FDP-54	54	68	59	74	1103A-33TG2	3.3	1850x800x1250	870	2500x1000x1250	1179
FDP-60	60	75	66	83	1104A-44TG1	4.4	1850x800x1250	950	2500x1000x1250	1257
FDP-72	72	90	79	99	1104A-44TG2	4.4	2040x810x1250	996	2500x1000x1250	1357
FDP-72	72	90	79	99	1104C-44TAG1	4.4	2040x810x1250	1040	2800x1100x1590	1531
FDP-90	90	113	99	124	1104C-44TAG2	4.4	2140x810x1250	1092	2800x1100x1590	1561
FDP-120	120	150	132	165	1106A-70TG1	7	2400x980x1500	1430	3100x1100x1590	1916
FDP-135	135	169	149	186	1106A-70TAG2	7	2500x980x1500	1520	3100x1100x1590	1965
FDP-160	160	200	176	220	1106A-70TAG3	7	2500x980x1500	1610	3400x1100x1590	2059
FDP-196	196	245	216	270	1506A-E88TAG1	8.8	2600x1100x1700	2040	3900x1600x2200	3370
FDP-196	196	245	216	270	1506A-E88TAG2	8.8	2700x1100x1700	2130	3900x1600x2200	3550
FDP-225	225	281	248	309	1506A-E88TAG3	8.8	2700x1100x1700	2160	3900x1600x2200	3763
FDP-270	270	338	297	371	1506A-E88TAG5	8.8	2800x1100x1700	2480	3900x1600x2200	3763
FDP-280	280	350	308	385	2206C-E13TAG2	12.5	3450x1000x1800	3220	4200x1600x2200	4443
FDP-320	320	400	352	440	2206A-E13TAG3	12.5	3450x1100x1800	3365	4200x1600x2200	4533
FDP-360	360	450	396	495	2506C-E15TAG1	15.2	3450x1100x1900	3780	4200x1600x2200	4941
FDP-400	400	500	440	550	2506C-E15TAG2	15.2	3450x1100x1900	3950	4500x1800x2200	5076
FDP-520	520	650	572	715	2806C-E18TAG1A	18.1	3550x1200x1900	4150	4500x2000x2240	6000
FDP-600	600	750	660	825	4006-23TAG2A	23	4100x1600x2200	5430	5400x2200x2550	8310
FDP-680	680	850	748	935	4006-23TAG3A	23	4100x1600x2200	5430	5400x2200x2550	8310
FDP-800	800	1000	880	1100	4008TAG2A	30.5	4580x1600x2200	7150	5400x2200x2550	8395
FDP-1000	1000	1250	1100	1375	4012-46TWG2A	45.8	5000x2100x2400	9356	6400x2200x2550	13025
FDP-1200	1200	1500	1320	1650	4012-46TAG2A	45.8	5200x2100x2400	9634	6400x2200x2550	13380
FDP-1350	1350	1688	1452	1815	4012-46TAG3A	45.8	5200x2100x2400	10172	6400x2200x2550	13688



INDUSTRIAL MANUFACTURING

Factory Standby Power

Reliable backup support for continuous production and essential plant operations.



COASTAL COMMUNITY

Urban Backup Support

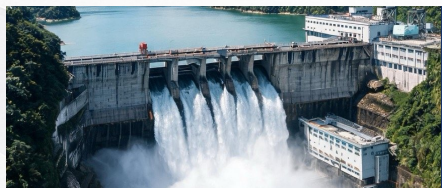
Flexible power coverage for coastal communities and mixed-use developments.



WATERFRONT DEVELOPMENT

Commercial Site Power

Scalable systems planned for large waterfront facilities and shared infrastructure.



HYDROPOWER SUPPORT

Station Auxiliary Power

Independent emergency power for control, maintenance and supporting equipment.



MINING OPERATIONS

Remote-Site Reliability

Rugged power solutions for demanding extraction sites and changing field loads.

OVERSEAS DELIVERY

Packaged for Deployment

Gensets secured and prepared for efficient transport to the operating site.



CONTAINERIZED SOLUTION

Integrated Power Module

A compact enclosed system configured for outdoor installation and maintenance.



COLD-CLIMATE OPERATION

Built for Severe Winter

Protected equipment and service access support dependable low-temperature use.



MULTI-UNIT INSTALLATION

Scalable Site Capacity

Multiple containerized units arranged for coordinated output and future expansion.



CONSTRUCTION SITE

Power During Build-Out

On-site generation supports phased construction, commissioning and handover.



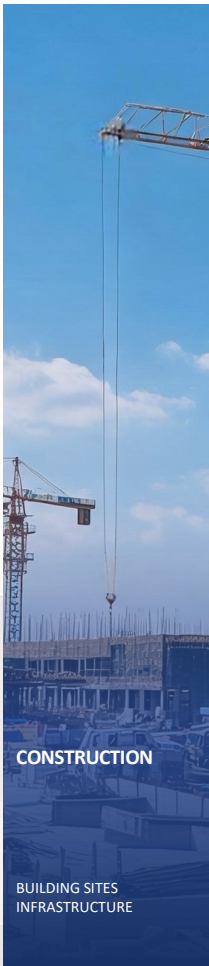
INDUSTRIAL FACILITIES

MANUFACTURING
LOGISTICS



CONSTRUCTION

BUILDING SITES
INFRASTRUCTURE



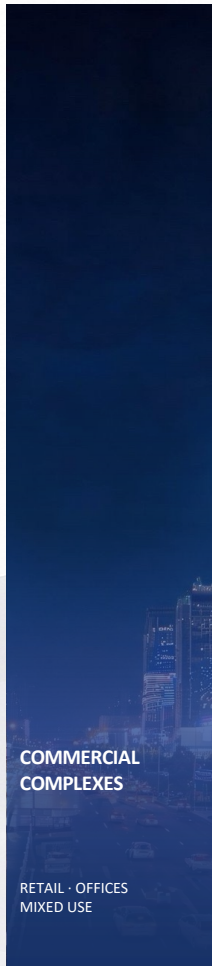
DATA CENTRES

MISSION-CRITICAL
IT INFRASTRUCTURE



COMMERCIAL COMPLEXES

RETAIL · OFFICES
MIXED USE



AGRICULTURE

CONTROLLED
ENVIRONMENT
FARMING



SPORTS VENUES

STADIUMS
EVENTS



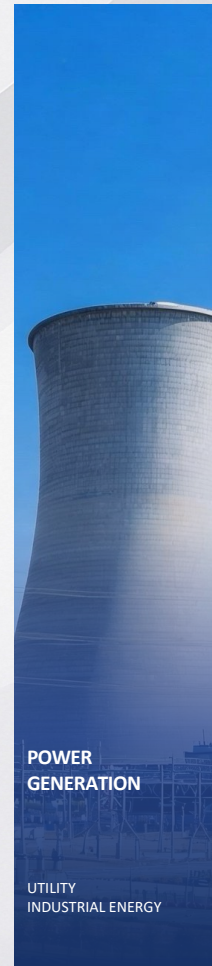
MINING

EXTRACTION
MATERIAL PROCESSING



POWER GENERATION

UTILITY
INDUSTRIAL ENERGY



GLOBAL SERVICE NETWORK

GLOBAL PARTNERS

Reliable power solutions for customers across global markets.



We are serving more...

POWERING PROGRESS WORLDWIDE.