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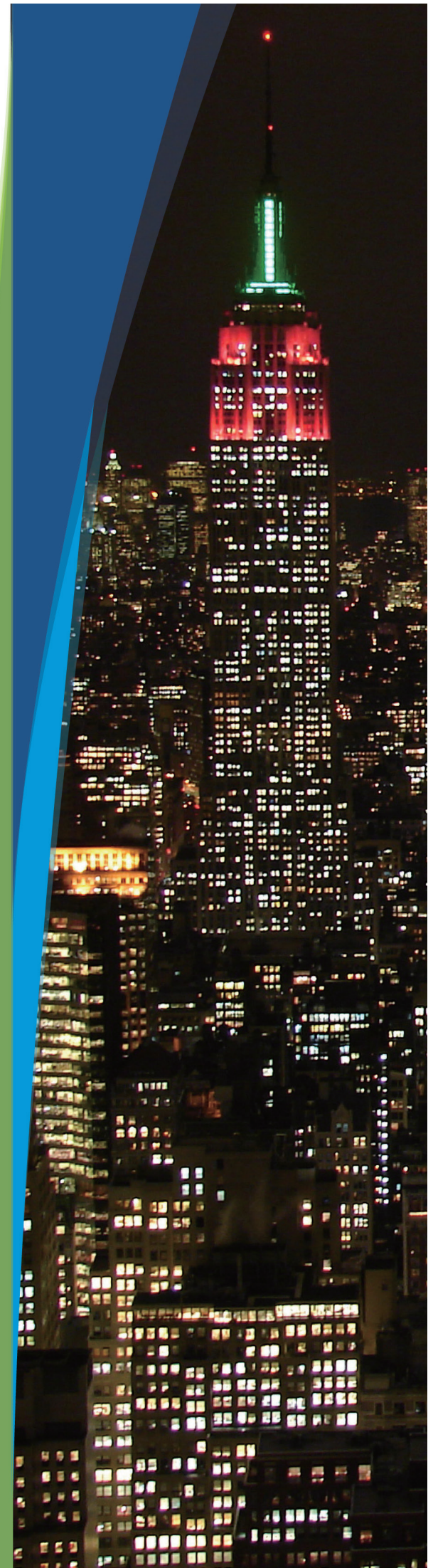
07.2021



POWER YOUR FUTURE

AKSA POWER GENERATION
PRODUCT LINE CATALOG

www.aksausa.com



POWER YOUR FUTURE

aksa POWER GENERATION



ABOUT KAZANCI HOLDING



Kazancı Holding was founded in the 1960s and has been a leader firm in the energy sector for more than 50 years. Kazancı Holding relies on customer satisfaction and trust during its journey for manufacturing of generating sets, natural gas distribution activities, power plant installations and operations. As Turkey's largest energy group, Kazancı Holding has also become a global powerhouse through investments made all over the world with its visionary identity and innovative mindset.

GROUP COMPANIES

- Aksa Energy**
Turkey's largest independent power producer with more than 2,000 MW of installed capacity.
- Aksa Natural Gas**
Having acquired its first natural gas distribution license in 2004, Aksa Natural Gas has become Turkey's biggest natural gas distributor and has 20 distribution licenses of the Country's 60 licensed territories.
- Aksa Electricity**
Serving about 3 million subscribers in two distribution regions and distributing electricity to end users.
- Aksa Tourism**
Aksa Tourism manages 3 hotels in Turkey with over 2,000 bed capacity. Mirada Del Mar Hotel (5 star) located in Antalya. Mirada Del Lago Hotel (4 Star) and Mirada Del Monte (3 star) located in Kayseri & Erciyes.
- Aksa Agriculture**
Aksa Agriculture produces meat and milk in accordance with the EU standards on 25,000 acres of land, which is in Inanli (Tekirdag) and Gelemen (Samsun) that are the 2 biggest farms in Turkey.



ABOUT AKSA USA



products with NFPA 110 specifications to mobile products with Tier-4 final engine. Because, we are aware that we are in a progressive and developing industry.

Our mission, as Aksa USA, is to follow the technological developments attentively for manufacturing generator sets that fully respond to needs of our customers and to enable our customers to keep living life uninterrupted! Moreover, we aim to achieve maximum efficiency and customer satisfaction while manufacturing economical, functional and durable power generation systems.

Our vision, as Aksa USA, is to improve our global standing within the power generation sector with a steady growth increase. We count on our experienced, confident, disciplined, practical and problem-solving staff to accomplish this goal.

Aksa Power Generation USA is committed to supply the highest quality generators and services by each employee striving to satisfy the expectations and the needs of our costumers in the North America.

Aksa USA is a subsidiary of Aksa Power Generation company which is one of the top-5 global manufacturers and suppliers of diesel and natural gas generators for different sectors such as construction, mining, oil & gas, agriculture, manufacturing, healthcare, telecommunication, data-center and more. Since 1960s, Akxa has been by your side with its high-quality, reliability, customer-centric product range, after-sales services and supports you need.

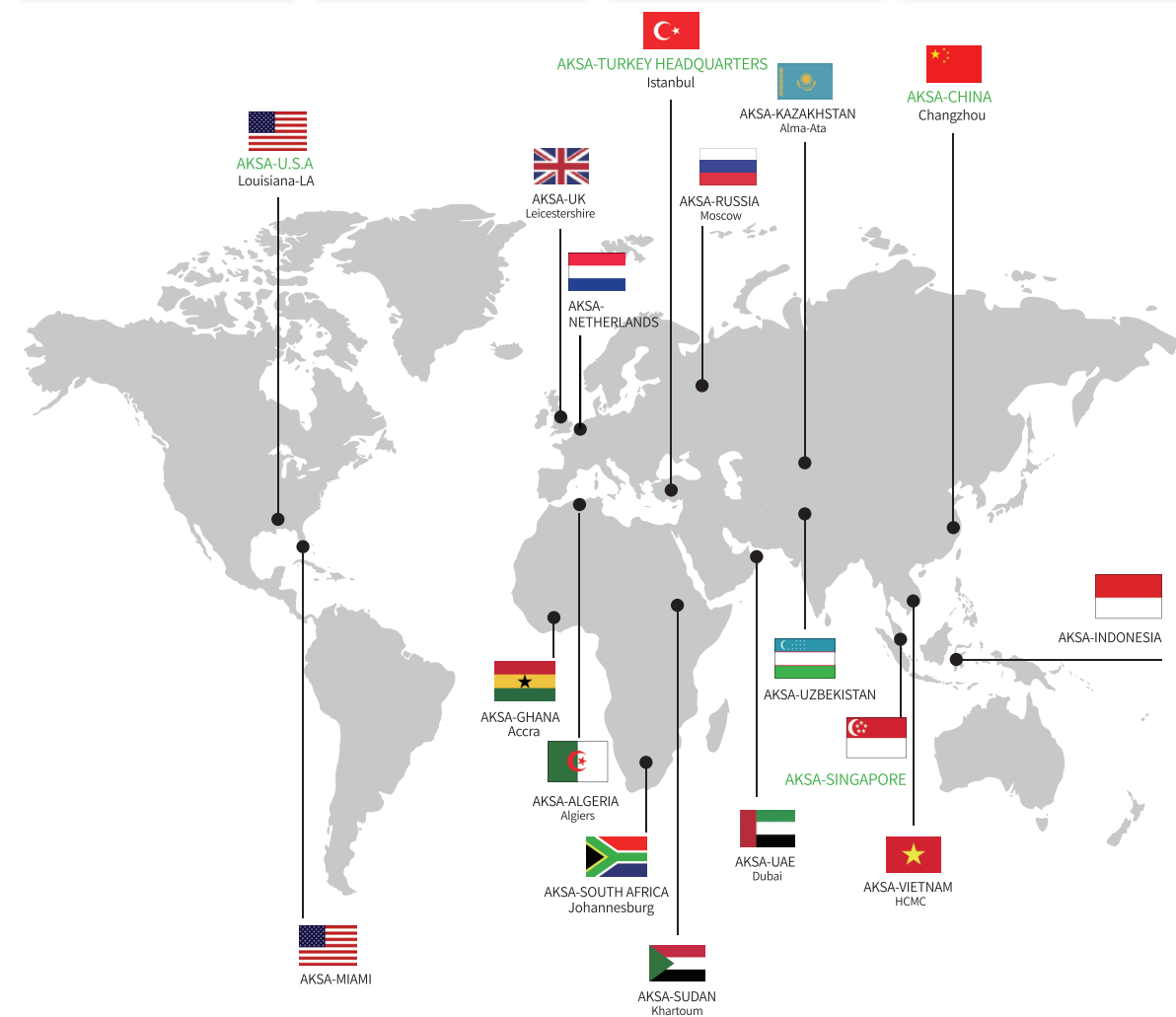
Aksa USA was founded in 2010 and its head-quarter has been located in West Monroe, Louisiana. As a global leader in standby and prime power generation systems, AKSA Power Generation has brought our manufacturing strengths to America in order to be the high-quality and competitive price leader within our market segment. Akxa Power Generation has been manufacturing industrial generators for over sixty years. Today, we manufacture approximately 50,000 generator sets annually to meet the global generator demands of our customers from all over the world.

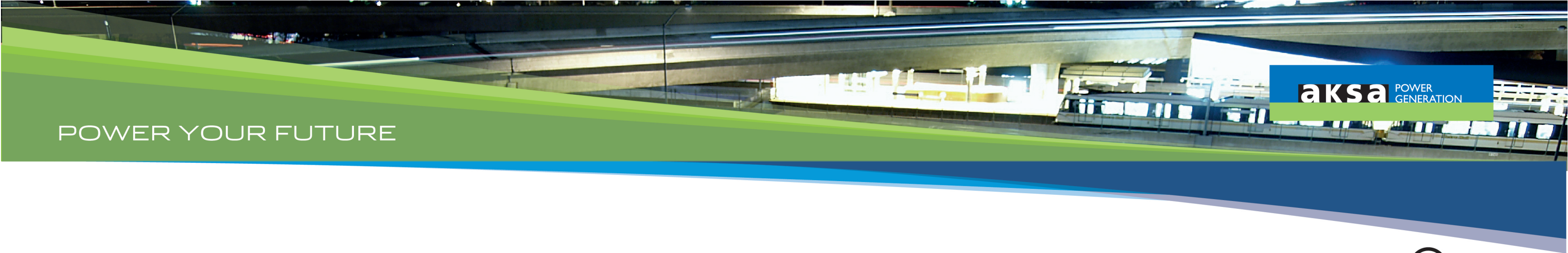
As Akxa Power Generation USA, our standby and mobile product ranges are engineered regarding the unique requirements of the North American market. Furthermore, these product-lines are produced in our factory in West Montroe, Louisiana. Akxa USA offers a wide variety of generators from UL 2200 compliant

POWER YOUR FUTURE



FACTORIES AROUND THE WORLD





AKSA POWER GENERATION MANUFACTURING PRACTICES

Aksa's clients can be assured that Aksa Power Generation stays up to the date on all the latest product code requirements. Aksa manufactures to the highest national codes and standards. Our products are manufactured with the proper components, features, materials and characteristics in order to meet the requirements of the major regulatory agencies. By doing this, we can ensure that our customers are receiving the highest quality products available in the industry. Canadian customers can access 600V products with CSA compliant components designed specifically for their needs.



UL 2200 PRODUCTS



UL 2200, the standard for safety of stationary engine generator assemblies, has been widely adapted by the standby generator industry. Generator specifiers, operators and owners recognize the UL 2200 listing as a sign that the generator system has been evaluated and approved by an internationally recognized product safety organization. Aksa Power Generation received approval to apply the UL 2200 listing to our generators after a rigorous product review of the componentry used in the manufacturing of each units as well as the completed product system as a whole. The Aksa Power Generation UL 2200 review included an extensive evaluation process on componentry such as engine control module, generator set controller, fuses, cables, heat wraps, enclosures, circuit breakers, fuel systems, silencers, filters, battery chargers, etc. The UL 2200 certificate ensures that the Aksa Power Generation genertors have been tested and conform to safety standards.

- EPA compliant heavy duty, industrial engines
- Internationally recognized brand alternator ends
- Non-proprietary programmable control panel
- Powder coated steel or aluminum enclosures
- Standard features include jacket water heater, battery and battery charger

UL 2200 NATURAL GAS MODELS - PSI

GENSET	ENGINE BRAND	ENGINE MODEL	ALTERNATOR BRAND	GENSET STANDBY POWER (NG)		
				240/120V 1PH-1.0PF	480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-NG30	PSI	2.4L	Stamford	30	30	30
APD-NG40	PSI	4.3L	Stamford	40	40	40
APD-NG60	PSI	5.7L	Stamford	60	60	60
APD-NG80	PSI	5.7LT	Stamford	80	80	80
APD-NG100	PSI	5.7LTCAC	Stamford	100	100	100
APD-NG125	PSI	8.8LT	Stamford	125	125	125
APD-NG150	PSI	8.8LTCAC	Stamford	150	150	150
APD-NG200	PSI	11.1L	Stamford	-	200	200
APD-NG250	PSI	14.6L	Stamford	-	250	250
APD-NG300	PSI	14.6L HO	Stamford	-	300	300
APD-NG350	PSI	18.3L	Stamford	-	350	350
APD-NG400	PSI	21.9L	Stamford	-	400	400
APD-NG450	PSI	21.9L	Stamford	-	450	450

Manufacturer reserves the right to make changes in models, technical specification, color, equipment and accessories without prior notice.

UL2200 DIESEL MODELS - JOHN DEERE

GENSET MODEL	ENGINE BRAND	ENGINE MODEL	EPA	ALTERNATOR BRAND	GENSET STANDBY POWER		
					240/120V 1PH-1.0PF	480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-ULJ30	John Deere	3029TFG89	T3	Stamford	30	30	30
APD-ULJ40	John Deere	3029HFG89	T3	Stamford	40	40	40
APD-ULJ55	John Deere	4045TF280	T3	Stamford	50	55	55
APD-ULJ65	John Deere	4045HF280	T3	Stamford	60	65	65
APD-ULJ80	John Deere	4045HF285	T3	Stamford	80	80	80
APD-ULJ100	John Deere	4045HF285	T3	Stamford	100	100	100
APD-ULJ125	John Deere	4045HF285	T3	Stamford	125	125	125
APD-ULJ150	John Deere	6068HF285	T3	Stamford	150	150	150
APD-ULJ180	John Deere	6068HFG82	T3	Stamford	-	180	180
APD-ULJ200	John Deere	6068HF485	T3	Stamford	-	200	200
APD-ULJ250	John Deere	6090HF484	T3	Stamford	-	250	250
APD-ULJ275	John Deere	6090HF484	T3	Stamford	-	275	275
APD-ULJ300	John Deere	6090HFG86	T3	Stamford	-	300	300
APD-ULJ350	John Deere	6135HFG84	T3	Stamford	-	350	350
APD-ULJ400	John Deere	6135HFG84	T3	Stamford	-	400	400
APD-ULJ500	John Deere	6135HFG75	T2	Stamford	-	500	500

UL2200 DIESEL MODELS - PERKINS

GENSET MODEL	ENGINE BRAND	ENGINE MODEL	EPA	ALTERNATOR BRAND	GENSET STANDBY POWER		
					240/120V 1PH-1.0PF	480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-ULP9	Perkins	403D-11G	T4I	Stamford	9	9	9
APD-ULP13	Perkins	403D-15G	T4I	Stamford	13	13	13
APD-ULP20	Perkins	404D-22G	T4I	Stamford	20	20	20
APD-ULP28	Perkins	404D-22TG	T4I	Stamford	28	28	28
APD-ULP30	Perkins	404D-22TAG	T4I	Stamford	30	30	30
APD-ULP56	Perkins	1104D-44TG1	T3	Stamford	53	56	56
APD-ULP65	Perkins	1104D-E44TG1	T3	Stamford	62	65	65
APD-ULP82	Perkins	1104D-E44TAG1	T3	Stamford	80	80	80
APD-ULP100	Perkins	1104D-E44TAG2	T3	Stamford	97	100	100
APD-ULP150	Perkins	1106D-E70TAG3	T3	Stamford	150	150	150
APD-ULP178	Perkins	1106D-E70TAG4	T3	Stamford	-	178	178
APD-ULP300	Perkins	2206D-E13TAG2	T3	Stamford	-	300	300
APD-ULP350	Perkins	2206D-E13TAG2	T3	Stamford	-	350	350
APD-ULP400	Perkins	2206D-E13TAG3	T3	Stamford	-	400	400
APD-ULP461	Perkins	2506D-E15TAG1	T3	Stamford	-	461	461
APD-ULP512	Perkins	2506C-E15TAG3	T2	Stamford	-	512	512
APD-ULP611	Perkins	2806C-E18TAG3	T2	Stamford	-	611	611

UL2200 DIESEL MODELS - VOLVO

GENSET MODEL	ENGINE BRAND	ENGINE MODEL	EPA	ALTERNATOR BRAND	GENSET STANDBY POWER	
					480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-ULV250	VOLVO	TAD1350GE	T3	Stamford	250	250
APD-ULV300	VOLVO	TAD1351GE	T3	Stamford	300	300
APD-ULV350	VOLVO	TAD1352GE	T3	Stamford	350	350
APD-ULV400	VOLVO	TAD1353GE	T3	Stamford	400	400
APD-ULV450	VOLVO	TAD1650GE	T3	Stamford	450	450
APD-ULV500	VOLVO	TAD1641GE	T2	Stamford	500	500
APD-ULV550	VOLVO	TAD1642GE	T2	Stamford	550	550
APD-ULV600	VOLVO	TWD1643GE	T2	Stamford	600	600

UL2200 DIESEL MODELS - MITSUBISHI

GENSET MODEL	ENGINE BRAND	ENGINE MODEL	EPA	ALTERNATOR BRAND	GENSET STANDBY POWER	
					480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-ULM800	Mitsubishi	S12A2-Y2PTAW	T2	Stamford	800	800
APD-ULM1000	Mitsubishi	S12H-Y2PTAW	T2	Stamford	1000	1000
APD-ULM1250	Mitsubishi	S12R-Y2PTAW	T2	Stamford	1250	-
APD-ULM1600	Mitsubishi	S16R-Y2PTAW	T2	Stamford	1600	-
APD-ULM2000	Mitsubishi	S16R-Y2PTAW2	T2	Stamford	2000	-

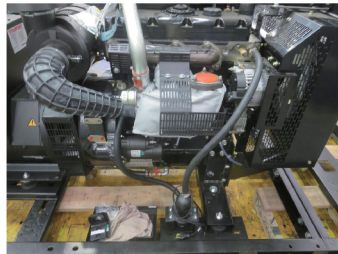
UL2200 GENSETS



UL/CSA Approved Main Line Circuit Breaker



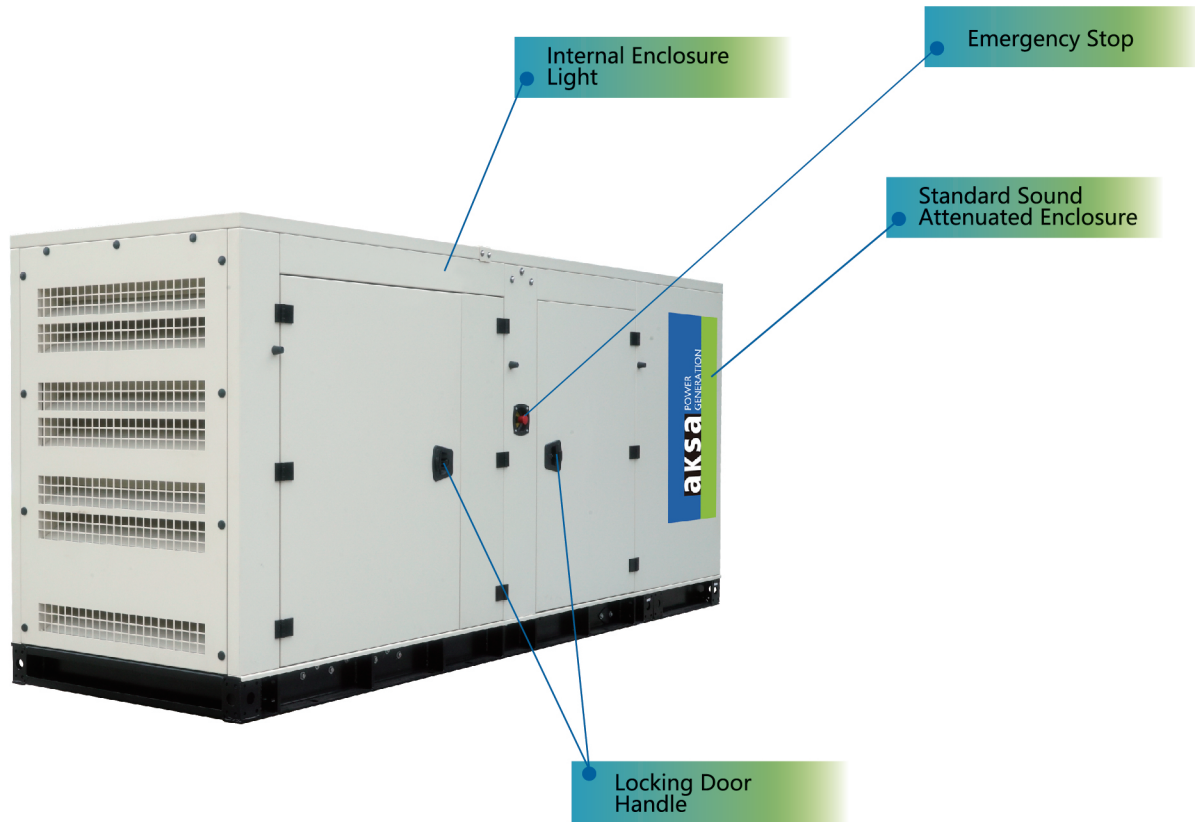
UL/CSA Approved Cable



UL/CSA Approved Jacket Water Heater



UL/CSA Approved Battery Charger



PRIME RATED / MOBILE MODEL GENSETS

GENSET MODEL	ENGINE BRAND	ENGINE MODEL	EPA	ALTERNATOR BRAND	GENSET STANDBY POWER	
					480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-EPAJ55T4	John Deere	4045HFG04 - PWL	Tier 4 Final	Stamford	55	55
APD-EPAJ65T4	John Deere	4045HFG04 - PWL	Tier 4 Final	Stamford	65	65
APD-EPAJ80T4	John Deere	4045HFG04 - PWL	Tier 4 Final	Stamford	80	80
APD-EPAJ110T4	John Deere	4045HFG06 - PSL	Tier 4 Final	Stamford	110	110
APD-EPAJ140T4	John Deere	6068HFG05 - PVL	Tier 4 Final	Stamford	140	140
APD-EPAJ170T4	John Deere	6068HFG05 - PVL	Tier 4 Final	Stamford	170	170
APD-EPAJ190T4	John Deere	6068HFG06 - PSL	Tier 4 Final	Stamford	190	190
APD-EPAJ215T4	John Deere	6068HFG06 - PSL	Tier 4 Final	Stamford	215	215
APD-EPAV550T4	Volvo	TWD1672GE	Tier 4 Final	Stamford	550	550
APD-EPAV600T4	Volvo	TWD1673GE	Tier 4 Final	Stamford	600	600

NATURAL GAS MODELS - PSI

GENSET MODEL	ENGINE BRAND	ENGINE MODEL	ALTERNATOR BRAND	GENSET STANDBY POWER	
				480/277V 3PH-0.8PF	208/120V 3PH-0.8PF
APD-NG500	PSI	21.9L HO	Stamford	500	500
APD- NG660	PSI	32L	Stamford	660	660
APD-NG830	PSI	40L	Stamford	830	830
APD-NG1070	PSI	53L	Stamford	1070	1070



FUEL TANKS

Aksa Power Generation fuel tanks are manufactured by regarding the expectations of our customers. The diesel tanks are engineered to meet the rigid requirements of the standby and prime power industry. Whether you need a 12-hour tank for 10kW system or a 24-hour tank for a 2 MW system, Aksa USA will be there to assist you for your fuel requirement needs.



UL 142 or UL 2085 certified
 Double wall design
 Made in the U.S.A
 Custom fuel tanks available
 Convenient fuel port
 Comes standard with vent caps, fuel sensor and fuel gauge

SOUND ATTENUATED ENCLOSURES

STEEL OR ALUMINUM
 LEVEL 1 or LEVEL 2 OPTIONS
 STANDARD SOUND ATTENUATION
 ELECTROPHORESES POWDER PAINTING
 WEATHER PROTECTIVE



All sound attenuated enclosure parts are designed with modular principles without welding assembly
All enclosures are equipped with easy access service doors
All enclosure parts are painted by electrostatic powder paint
Exhaust silencer is protected against environmental influences
Thermally insulated engine exhaust system
Emergency stop push button is installed outside of the sound attenuated enclosure
Lifting eye hooks on heavy duty base frame



CONTROL PANEL

DSE7310/DSE7320

Features:
The module is used to monitor a mains supply and starts and stops a standby generating set
Micro-processor based design
Automatic control of mains and generator contactors
Monitors engine performance and AC power output
LED alarm indication
Front panel configuration of timers and alarm trip points
Easy push button control
Stop/reset-manual-test-auto-mute alarm-start

Metering via LED display:
Generator volts (L-L/L-N) Engine temperature (°C & °F)
Engine oil pressure (PSI-Bar) Plant battery volts
Generator ampere (L1, L2, L3) Mains volts (Ph-Ph/Ph-N)
Generator frequency (Hz) Generator kW as% of rated kW
Engine hours run
Generator kVA, kWh
setting
Generator cos(σ)



Alarms:
Over and under Speed Low and high battery volt.
Start and stop Failure Charge fail
Over current Under/over generator voltage
Low oil pressure Emergency stop
High engine temperature kW overload
Unbalanced load Independent earth fault trip

LED indications Four configurable LED's like:
Mains available
Generator available
Mains on load
Generator on load

DSE8610/DSE8620

Features
Configurable inputs (11) Audible alarm
Configurable output (8) Fixed and flexible LED indicators
Voltage measurement Event log (250)
Built-in governor and AVR control Engine protection
kW overload alarms Fault Condition
Comprehensive electrical protection Notification to a designated PC
Magnetic pick-up Front panel mounting
Electronic engine capability Protected front pane programming
RS232 & RS485 remote communications PC configuration
Modbus RTU Configurable alarms and timers
Multi event exercise timer Configurable start and stop timers
Back-lit LCD 4-line text display SMS alert messaging
Multiple display languages Remote monitoring
Automatic start/Manual start

Metering via LED display:
Generator Volts (L-L / L-N) Generator kVA, kWh
Engine oil pressure (PSI-Bar) Generator Cos (σ)
Generator Ampere (L1, L2, L3) Engine temperature (°C&°F)
Generator Frequency (Hz) Plant battery volts
Engine hours run Mains Volts (Ph-Ph/Ph-N)
Generator kW as % of rated kW setting

Alarms:
Over and Under Speed Over Current
Low and High Battery Volt. Under / Over Generator Voltage
Start and Stop Failure Low Oil Pressure
Charge fail Emergency stop

