

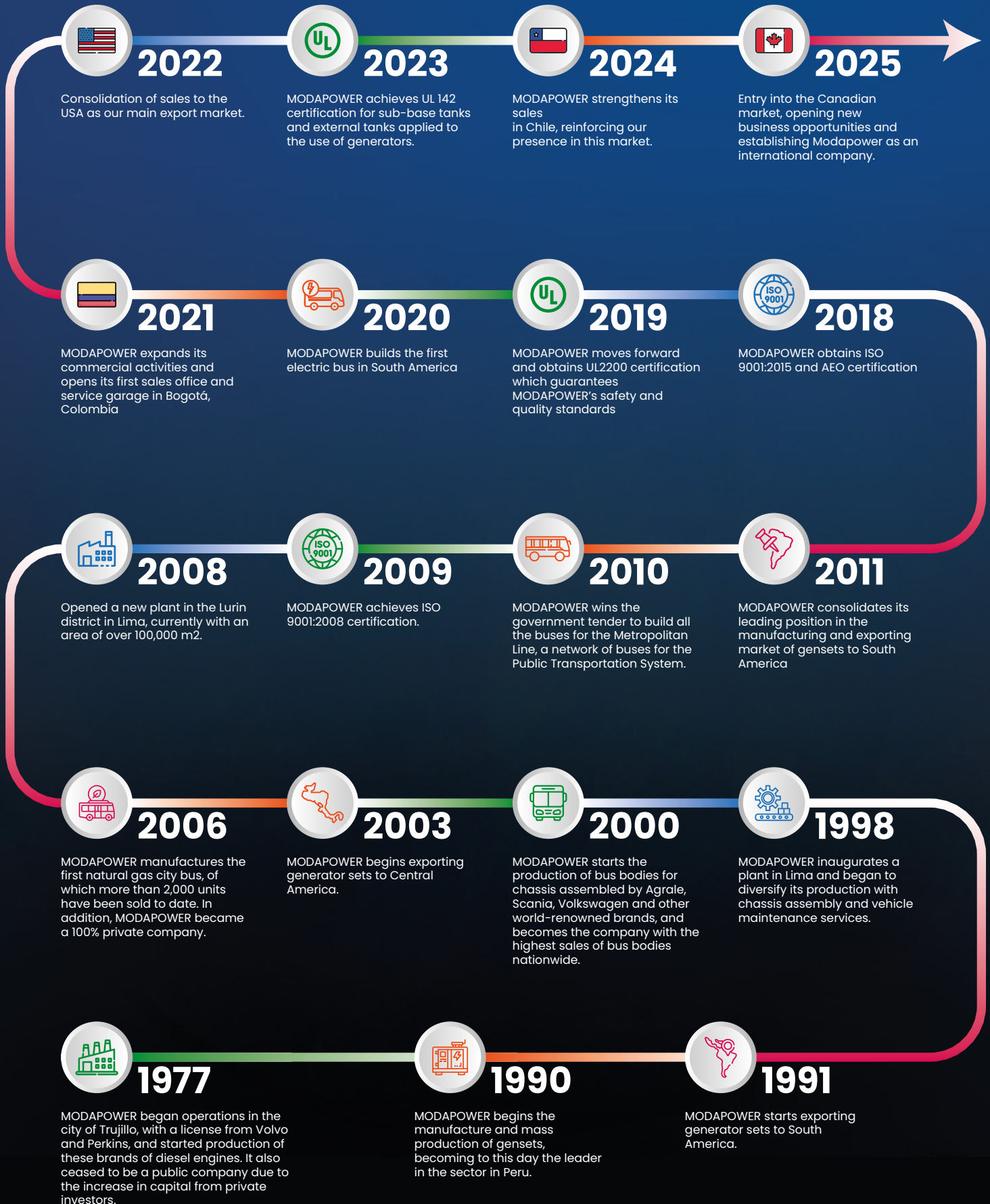


 **modapower**

UL GENSET

MODAPOWER

Looking back:
48 years of hard work.



MODAPOWER

Since 1977 MODAPOWER is a leading company in the manufacture and marketing of Generators for various applications in the market. In each area of our processes, both productive, sales and after sales, we have a complete team of highly trained professionals for the use and maintenance of each of the components of the international brands with which we work. Our manufacturing plant is located in the district of Lurin, Lima, Peru and has a

production capacity of up to 7200 units per year, from 10 kW to 3600 kW. We provide customized solutions characterized by having full flexibility in our designs according to the requirements of each of our customers.

We also have ISO 9001:2015, UL2200 and UL142 certifications, ensuring that our equipment meets the highest standards of safety and quality.



INTERNATIONAL PRESENCE

We are strategically located in 25 countries providing energy solutions that enable our customers to successfully carry out their projects.

Our headquarters are located in Lima-Peru and we also have commercial offices in Chile, Colombia and Mexico.



Currently Modapower has the UL2200 certification for electric generators and UL142 for Diesel Storage Tanks, a new achievement that makes our path to the United States and Canada shorter.

Although since 2009 Peru has the (FTA Agreement signed) with the United States, agreement it that has allowed us to export goods without tariff barriers, there were other types of obstacles that slowed down operations between these countries. One of them is the high standard of quality and safety that is required in USA, however, in the

perseverance and potential that distinguishes Modapower, this has been a challenge that has been overcome with great success.

Such is the case, that Modapower has achieved the UL2200 certification in its range of electric generators with Perkins, Mitsubishi, Kubota and Volvo Penta engines; In addition, the certification of UL142 Tanks has also been achieved in its 2 types as are Sub-base Generator Tank and Day Tanks, becoming the first and the only company to achieve this achievement in all of South America.



WHAT IS THE UL CERTIFICATION?

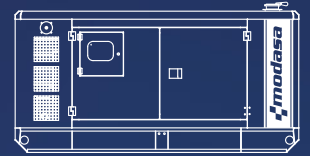


UL is a scientific company dedicated to safety, its wide reach, proven objectivity and solid track record make UL a symbol of trust for the tranquility of all.

When the UL mark appears on a product, it means that tests have been carried out on representative samples of the product and that it has been determined that it complies with the current standards or other applicable requirements with respect to its potential risk of fire, electric shock and mechanical hazards.

The UL mark is the most recognized, valued and accepted proof that a product meets the safety requirements of the EE. UU. and Canada. Today Modapower can say with pride that it meets these requirements in its electric generators.

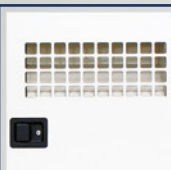
UL SOUNDPROOF EQUIPMENT



1. Lifting Eye
Element that allows lifting the generator (optional)



2. Control Panel
Control Module that governs the generator



3. Lateral Air Intake
Aerodynamic trap that allows free flow of air



4. Emergency Stop



5. Rain cap



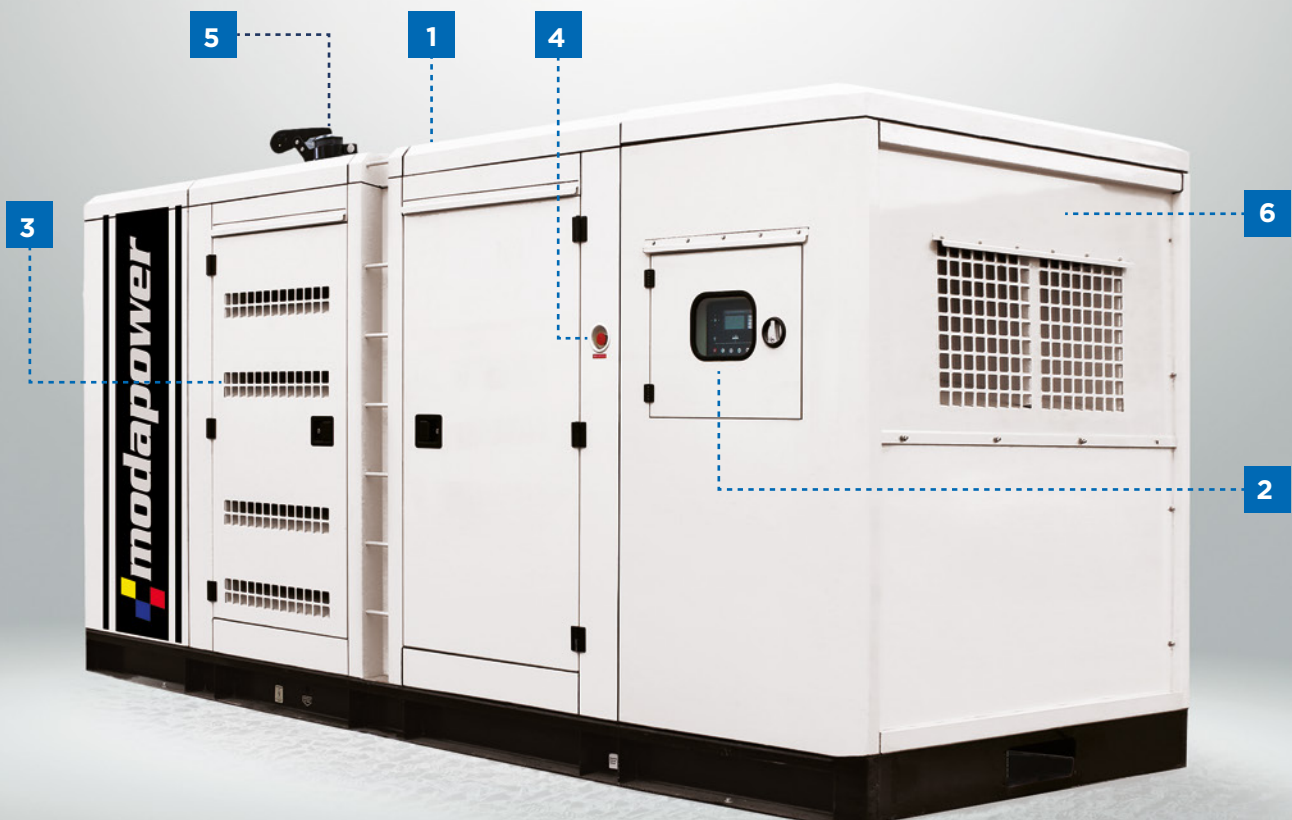
6. Acoustic Deflectors
For noise attenuation
*Vertical outlet available.



7. Voltage Potentiometer
(Optional).

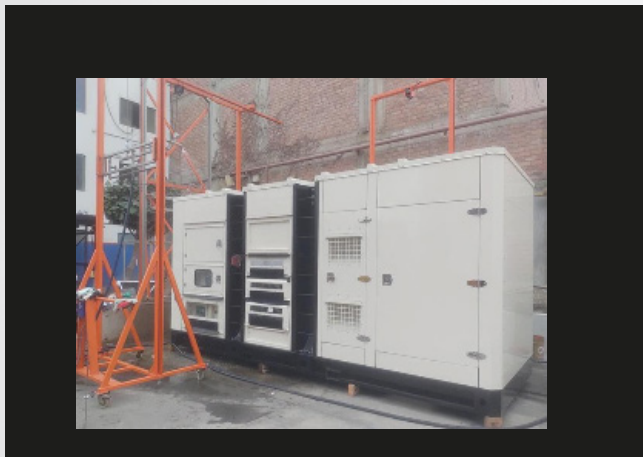
UL Paint

Excellent mechanical properties with a paint powder coating film that is resistant, excellent weather resistance and environmentally friendly.



Impedance Test

- Ensures that a ground fault does not cause electrical damage or fires.
- Measures the ground loop impedance, that is, the resistance to the passage of current from an exposed metallic part to ground.
- A low impedance guarantees a rapid activation of protections (like breakers).



Temperature Test

It assesses how the electrical and mechanical components behave under high temperatures during the continuous operation of the generator.

- Measures the heating of coils, cables, terminals, alternator, and engine.
- The standard requires that temperatures do not exceed the safe limits for each type of material (insulations class B, F, H, etc.).
- Also includes how the ambient temperature affects the performance of the generator.

Rain Test

Verify that the generator set supports adverse climatic conditions without water filtrations that compromise the system.

- It is carried out for enclosed gensets (outdoor).
- Simulates real conditions of strong or prolonged rain.
- Ensures that electrical panels, connections and components are protected under severe climatic conditions.
- Related to the IP protection levels.

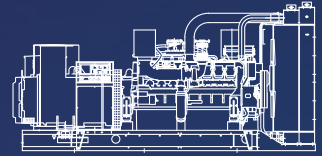


Ground Resistance Tests

It ensures that the non-energized metallic parts are correctly connected to ground.

- Measures the electrical resistance between the frame of the generator set and ground.
- The typical accepted value for safe electrical systems is less than 5 ohms (according to IEEE/NEC).
- Fundamental to avoid electric shocks due to internal faults.

UL OPEN EQUIPMENT



1. Control Panel
Control module that manages the generator



2. Emergency Stop



3. Main Breaker UL489



3. UL Disconnect Switch



5. Electric Fuel Meter



**6. Battery Charger
DSE9470 - UL9470-01**



**7. Stamford Alternator
UL1004**



**8. Black Paint
RAL 9005 - UL723**



UL SUB-BASE GENERATOR TANKS



1. Electric Fuel Meters
Maximum - minimum
level Anti-spills



2. Anti-spill Container



3. Emergency Vent Valve



4. Regular Vent Valve



5. Mechanical Fuel Meter

6. Custom Fuel Tank

Dimensioned to adapt to the client's application

7. UL142 Fuel Tank

Simple wall or double wall

8. Free Area for electrical cabling



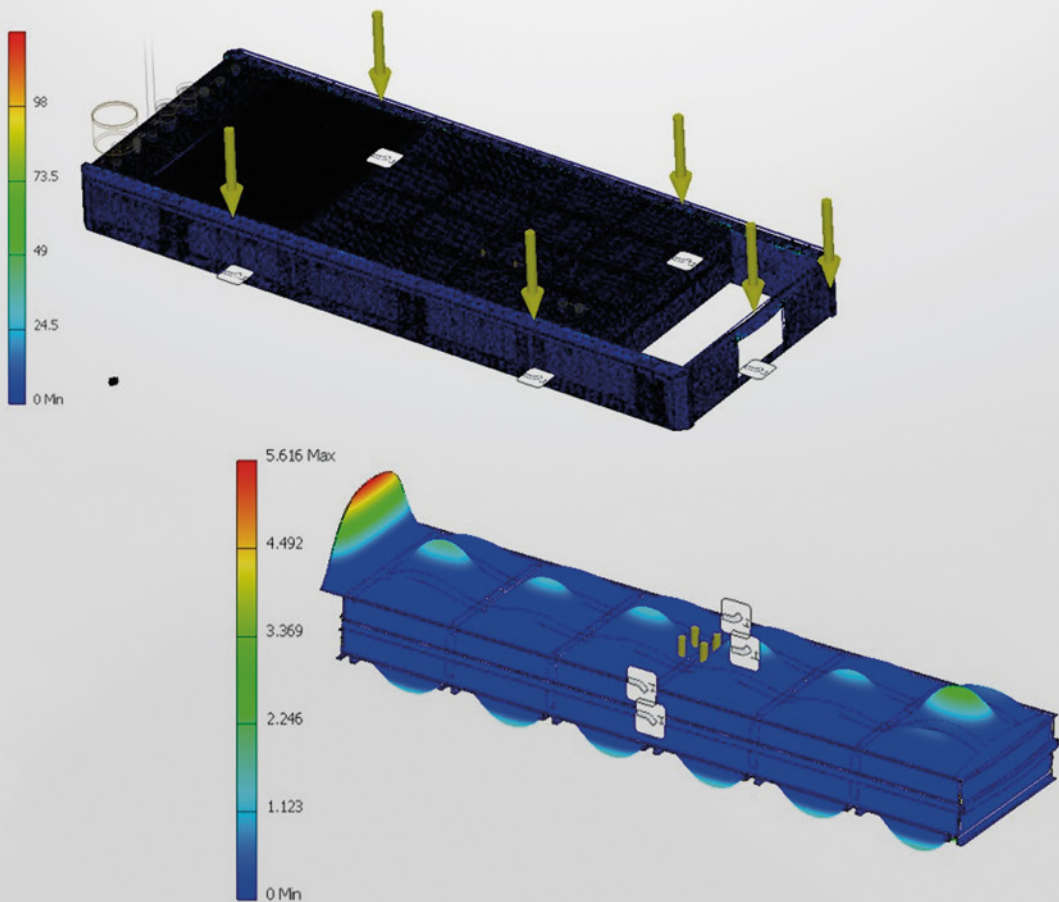
SUB-BASE GENERATOR TANK DETAILS

We specialize in UL 142 diesel generator tanks manufactured to measure, adapted to your specifications. our double wall tanks comply with the strict UL 142 standards, which guarantees their reliability and compliance.

Features:

- UL 142 Certified under the FILE N° MH 65956
- Totally customizable
- High resistance
- The useful capacity of the tank offers an autonomy of 8 to 72 hours
- Simple wall and double designs.
- Areas of electrical connection according to the needs of the client.
- Threaded connections "NPT".
- Connection for optional accessories
- Coatings
 - Standard color: black
- Lifting ears included in the tank
- All the connections of the pipes come with plastic plugs
- Identification and safety plates included

TANK TYPE	MODEL	AUTONOMY (hours)	LENGTH mm (in)	WIDTH mm (in)	HEIGHT mm (in)
TYPE 1	SINGLE WALL	8 A 72	1200 - 4000	600 - 1500	130 - 1000
	DOUBLE WALL		(47.2 - 157.5)	(23.6 - 59.1)	(5.1 - 39.4)
TYPE 2	SINGLE WALL	8 A 72	2400 - 7600	1000 - 3200	200 - 1500
	DOUBLE WALL		(94.5 - 275.6)	(39.4 - 118.1)	(7.9 - 59.1)
TYPE 3	SINGLE WALL	8 A 72	3000 - 9000	1300 - 3500	200 - 1500
	DOUBLE WALL		(118.1 - 334.6)	(51.2 - 137.8)	(7.9 - 59.1)



UL DAY TANKS



1. Emergency Vent Valve



2. Regular Vent Valve



3. Electric Fuel Meters
Maximum - minimum
level Anti-spills



4. Visual Fuel Level

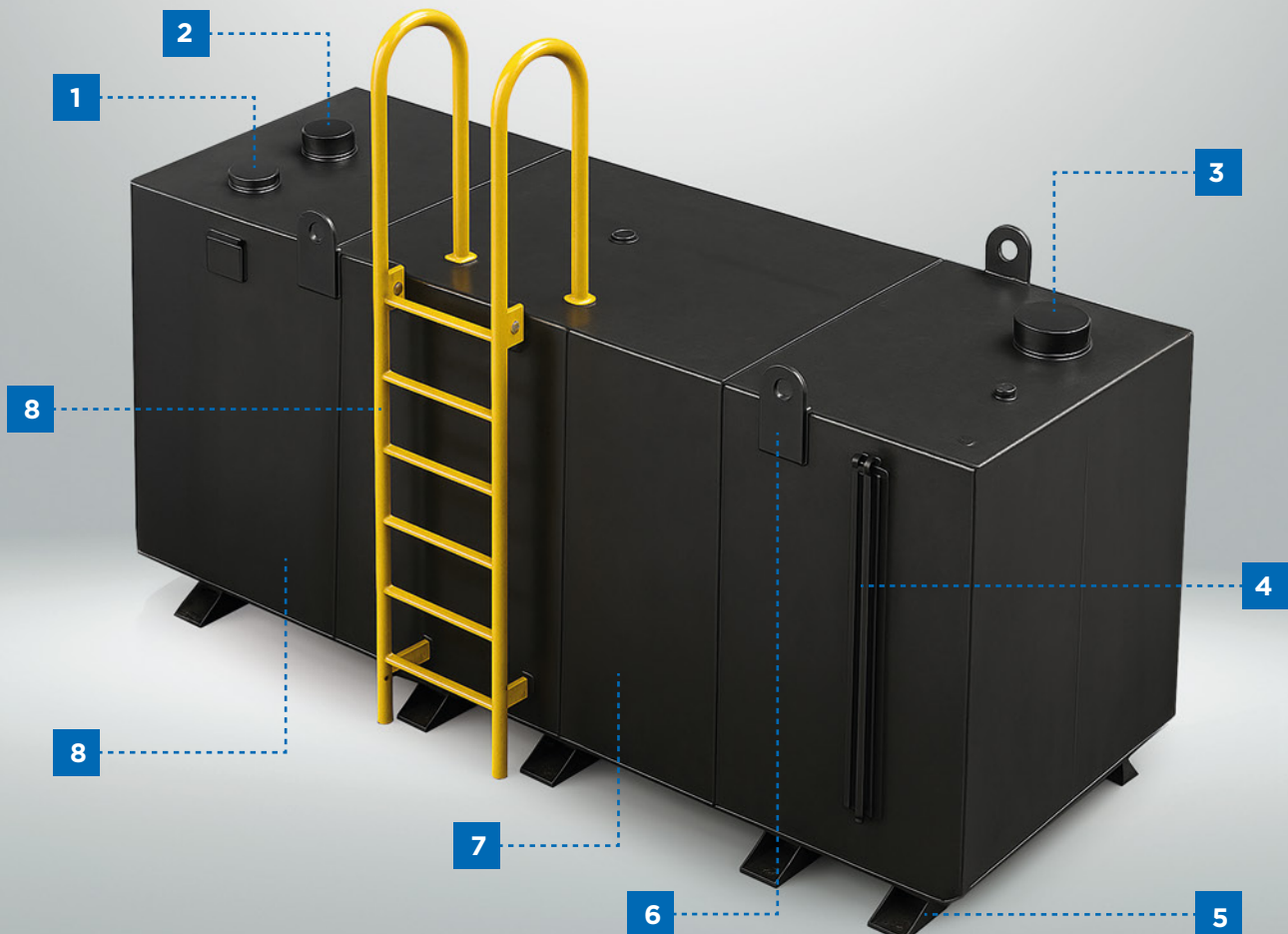
5. Structural Base

6. Lifting Ear

7. UL142 Fuel Tank
Simple wall or double wall

8. Custom Fuel Tank
Dimensioned to adapt to the client's
application

9. Stairs



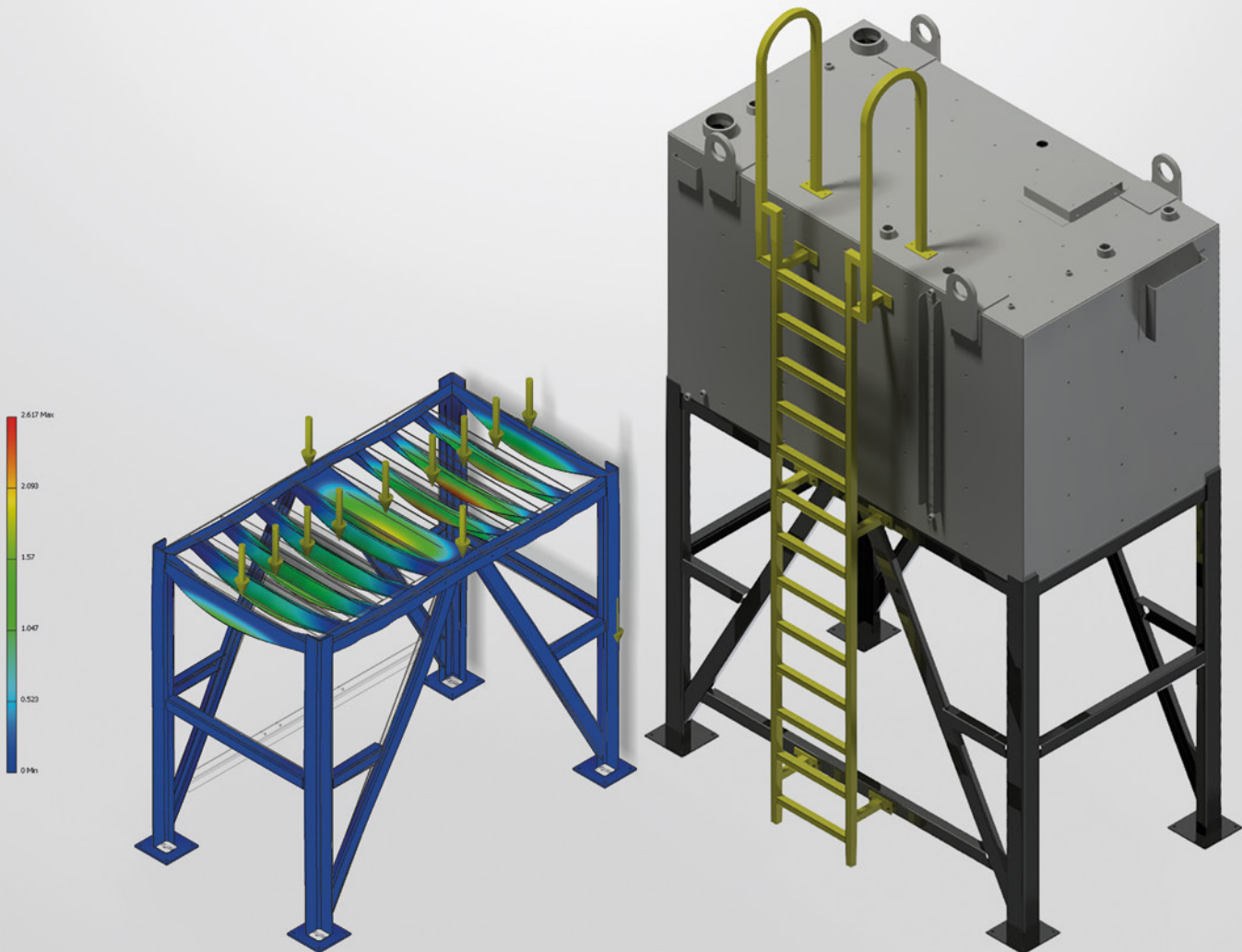
DAY TANKS

We specialize in custom-made UL 142 diesel generator tanks, tailored to your specifications. Our double-walled tanks comply with strict UL 142 standards, ensuring their reliability and compliance.

Features:

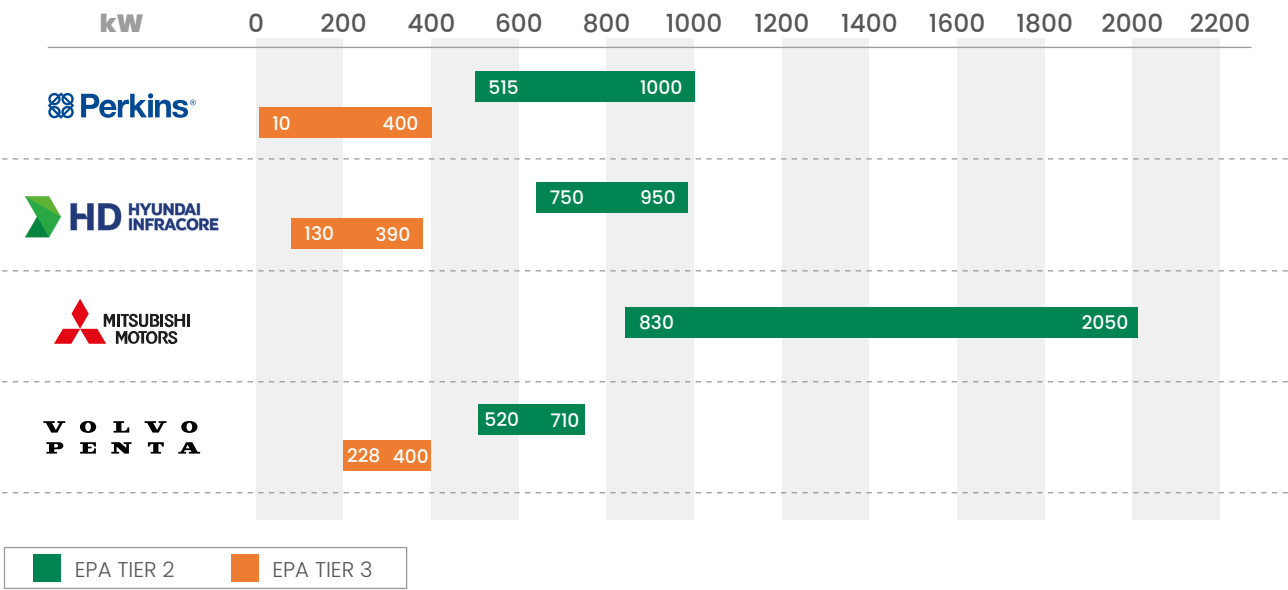
- UL 142 Certified under FILE NO. MH 65956
- Fully customizable
- High strength
- The tank's useful capacity up to 2500 Gal
- Single and double wall designs.
- Electrical connection areas according to customer needs.
- Threaded connections "NPT".
- Connection for optional accessories.
- Coatings: Standard color: black
- Lifting lugs included in the tank
- All pipe connections come with plastic plugs
- Nameplates and safety labels included

TANK TYPE	MODEL	CAPACITY (GAL)	LENGHT mm (in)	WIDTH mm (in)	HEIGHT mm (in)	STRUCTURAL BASE HEIGHT mm (in)
TYPE 1	SINGLE WALL	50 A 800	500 - 2400 (19.7 - 94.5)	500 - 2000 (19.7 - 78.7)	500 - 1800 (19.7 - 70.9)	100 - 2000 (3.9 - 78.7)
	DOUBLE WALL					
TYPE2	SINGLE WALL	850 A 2500	1300 - 6000 (51.2 - 236.2)	1200 - 2500 (47.2 - 98.4)	1000 - 2000 (39.4 - 78.7)	200 - 1000 (7.9 - 39.4)
	DOUBLE WALL					



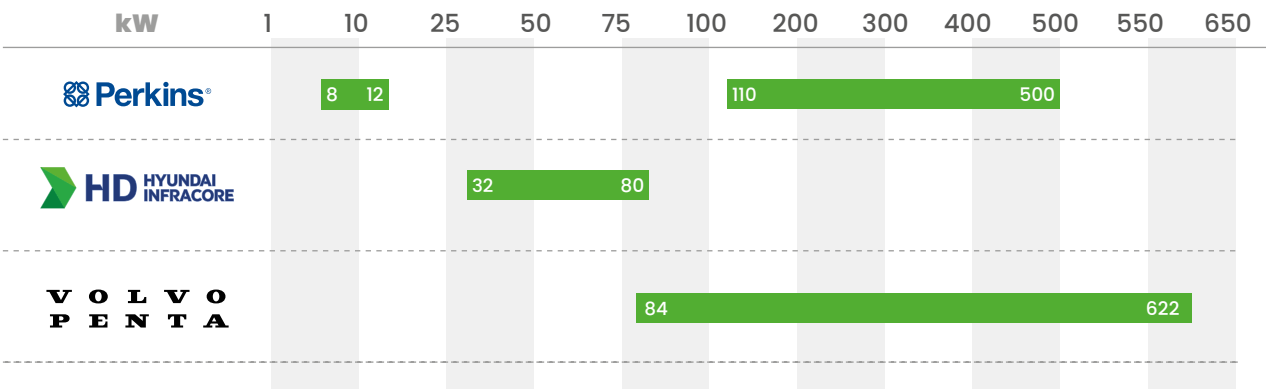
ENGINES

Engines with emissions control. EPA Tier 2-3 (Consult details and distribution).



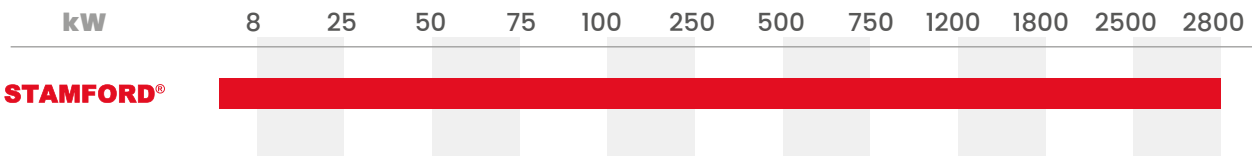
ENGINES

Engines with EPA Tier 4 final emissions control (Consult details and distribution).



ALTERNATORS

MODAPOWER is representative of recognized alternator brands (consult details and distribution).



The quality of our generators with Perkins engines is the result of more than 40 years of experience and the relationship we maintain with this prestigious brand. Perkins engines have more than 80 years of presence generating energy in the world; talking about an electric generator with a Perkins engine is talking about reliability, power, and warranty. Modapower, having started its operations as a manufacturer of engines of this brand, has all the knowledge and experience to provide a first-class product.

They are excellent for use in hostile environments or under strenuous conditions. Whether run only in emergency, or every day, or once a year, you can be assured of a highly reliable power source at all times. Among the many advantages of this engine, it also has low fuel consumption that improves the operating costs of your plant.

Our line of Modapower generators with Perkins engine ranges from 9 kW to 1400 kW.

 MODEL	 ENGINE		STANDBY POWER (kW)		
			240 V	208 V	480 V
MULP-10	403D-11G	T4i	8.7	9.4	9.4
MULP-14	403D-15G	T4i	12.8	13.2	13.2
MULP-20	404D-22G	T4i	20.1	21.0	21.0
MULP-28	404D-22TG	T4i	27.3	27.1	27.1
MULP-32	404D-22TAG	T4i	27.7	31.6	31.6
MULP-45	1104D-44TG1	T3	49.5	50.0	50.0
MULP-55	1104D-44TG1	T3	53.0	55.5	55.5
MULP-65	1104D-E44TG1	T3	58.9	62.8	62.8
MULP-84	1104D-E44TAG1	T3	79.1	83.5	83.5
MULP-100	1104C-44TAG2	T3	97.2	102.5	102.5
MULP-102	1104D-E44TAG2	T3	99.1	103.4	103.4
MULP-110	1204J-E44TTAG2	T4F	106.1	109.6	109.6
MULP-140	1106D-E70TAG2	T3	130.8	136.0	136.0
MULP-155	1106D-E70TAG3	T3	151.1	160.9	160.9
MULP-156	1206J-E70TTAG3	T4F	148.5	154.4	154.4
MULP-182	1106D-E70TAG4	T3	170.7	185.0	185.0
MULP-206	1206J-E70TTAG4	T4F	205.8	205.4	205.4
MULP-208	1106D-E70TAG5	T3	207.2	206.7	206.7
MULP-262	1706D-E93TAG1	T3	-	259.9	259.9
MULP-315	1706D-E93TAG2	T3	-	317.5	317.5
MULP-356	2206D-E13TAG2	T3	-	354.7	354.7
MULP-405	2206D-E13TAG3	T3	-	405.5	405.5
MULP-458	2506C-E15TAG2	T3	-	462.6	462.6
MULP-515	2506C-E15TAG3	T3	-	531.7	531.7
MULP-565	2506C-E15TAG4	T3	-	564.8	564.8
MULP-568	2806C-E18TAG1A	T3	-	565.7	565.7
MULP-620	2806C-E18TAG3	T3	-	618.1	618.1
MULP-715	2806C-E18TTAG6	T3	-	711.8	711.8
MULP-750	2806C-E18TTAG7	T3	-	750.5	750.5

Modapower presents its line of generators with Volvo Penta engine. Volvo Penta engines are world references for engines and power and energy solutions, with responsible care for the planet. Characterized by high performance, reliability and fuel efficiency, they stand out mainly for the low emission levels generated by their engines.

Volvo Penta engines are designed to be versatile: their compact and low-weight design, easy installation and optional equipment packages make them perfect for numerous applications. In addition, their commitment to the environment makes this an ideal equipment for eco-friendly users.

Generators with Volvo Penta engines for standby power operations will guarantee peace of mind, day after day and for continuous use, they supply constant and reliable power for your operation.

The power range goes from 84 kW to 622 kW.

 MODEL	 ENGINE	 EPA	STANDBY POWER (kW)	
			208 V	480 V
MULV-228	TAD 851GE	Tier 3	229.4	229.4
MULV-248	TAD 1381VE	Tier 4F/Stage V	250.7	248.5
MULV-252	TAD 852GE	Tier 3	251.6	249.4
MULV-272	TAD 853GE	Tier 3	271.0	270.7
MULV-276	TAD 1382VE	Tier 4F/Stage V	278.4	276.3
MULV-278	TAD 843GE	Tier 3	278.4	278.1
MULV-300	TAD 1351GE	Tier 3/Stage3A	300.7	298.5
MULV-305	TAD 1383VE	Tier 4F/Stage V	305.4	303.1
MULV-330	TAD 1384VE	Tier 4F/Stage V	331.4	331.1
MULV-350	TAD 1352GE	Tier 3/Stage3A	349.7	349.7
MULV-351	TAD 1354GE	Tier 3/Stage3A	349.7	349.7
MULV-360	TAD 1385VE	Tier 4F/Stage V	358.1	357.7
MULV-400	TAD 1353GE	Tier 3F	403.3	399.5
MULV-402	TAD 1671VE	Tier 4F	405.2	401.3
MULV-460	TAD 1682VE	Tier 4F	428.0	460
MULV-520	TAD1641GE-B	Tier 2	520.3	520.9
MULV-550	TAD1642GE-B	Tier 2	557.2	557.8
MULV-565	TWD 1682GE	Tier 4F	562.9	563.5
MULV-608	TWD 1644GE	Tier 2	606.7	607.4
MULV-625	TWD 1683GE	Tier 4F	620.9	621.6
MULV-650	TWD 1645GE	Tier 2	643.5	646.3
MULV-710	TWD 1744GE	Tier 2	708.0	709.5



HD HYUNDAI INFRACORE engines are built to deliver maximum power and durability in the power generation sector. Our engines have been installed in prime and standby generators around the world.

Modapower generators with Hyundai engine offer a complete range of rating powers between 65 kW and 915 kW.

 MODEL	 ENGINE	 EPA	STANDBY POWER (kW)	
			208 V	480 V
MULD-332	DP126CAK	T3	327.7	327.4
MULD-354	DP126CBK	T3	352.5	352.5
MULD-390	DP126CCK	T3	388.0	388.3
MULD-748	DP222CAS	T2	750.5	750.5
MULD-810	DP222CBS	T2	810.4	810.4
MULD-912	DP222CCS	T2	911.1	912.0

These generators incorporate Kubota brand engines, world leading manufacturer of compact diesel engines, providing our customers with a unique power source for various applications.

The design of Kubota engines has been developed to focus exclusively on environmental concerns. In our generators, all possible measures have been taken to ensure that the engines comply with all emission regulations required for the necessary certifications in each country.

Modapower generators with Kubota engine offer a complete range of rating powers between 11 kW and 47 kW.

 MODEL	 ENGINE	 EPA	STANDBY POWER (kW)		
			240 V	208 V	480 V
MULK-11	D1305-E4BG	T4F	10.2	10.8	10.8
MULK-15	D1703-ME3BG	T4i	14.7	15.1	15.1
MULK-20	V2203-ME3BG	T4i	20.3	21.2	21.2
MULK-30	V3300-E3BG	T4i	28.1	29.8	29.7
MULK-40	V3600-TE3BG	T4i	36.9	38.8	38.8
MULK-50	V3800-DITE3BG	T4i	45.2	45.9	46.1





A Modapower electric generator with Mitsubishi engine is the perfect alternative for your industry as a primary power source, highly reliable.

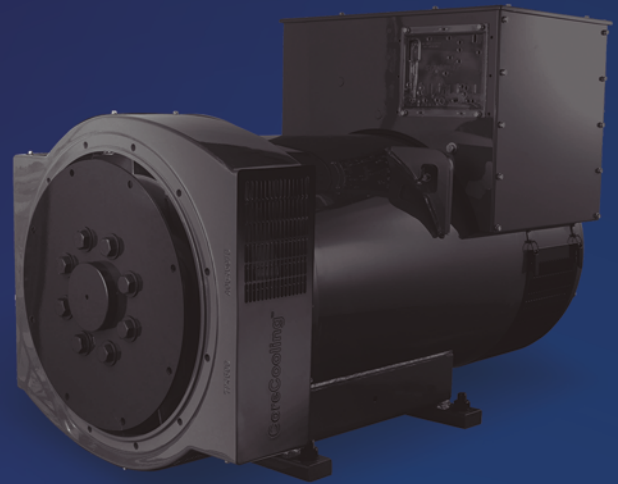
Mitsubishi engines provide greater power and control systems with full reliability, based on continuous research and development.

This results in greater productivity and better fuel economy. One of the main advantages of generators with Mitsubishi engine is that they are also an excellent choice to operate them continuously or in emergency mode in territories above 2500 m.a.s.l.

Our line of Modapower generators with Mitsubishi engine are available from 819 kW to 2042 kW.

 MODEL	 ENGINE		STANDBY POWER (kW)	
			208 V	480 V
MULM-820	S12A2-Y2PTAW-2	T2	818.9	818.9
MULM-1052	S12H-Y2PTAW-1	T2	1049.4	1050.5
MULM-1252	S12R-Y2PTAW-1	T2	1080	1284
MULM-1622	S16R-Y2PTAW-1	T2	-	1615.2
MULM-2050	S16R-Y2PTAW2-1	T2	-	2042.7



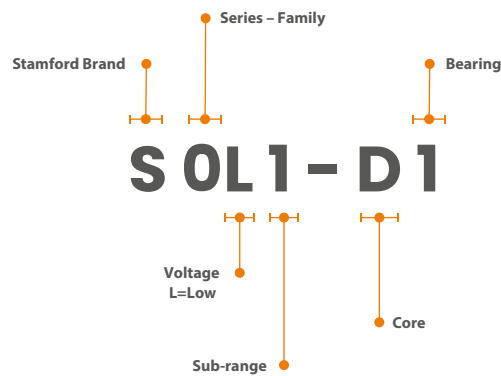


STAMFORD®

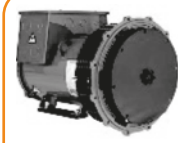
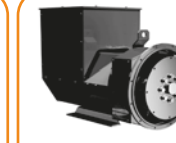
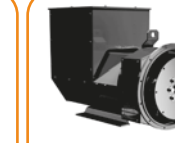
With copper winding technology and power ratings extending from 7.5 to 5,000kVA, original STAMFORD alternators are designed to provide superior efficiency in marine, oil and auxiliary gas engines, UPS, telecommunications, CHP, construction and other continuous or standby power applications.

STAMFORD alternators are available with SAE adapter option to ensure simple coupling to a wide variety of prime level engines. All STAMFORD S-Range are equipped with CoreCooling technology.

Alternator (Naming) Nomenclature



STAMFORD®

						
 Model	SOL1	SOL2	S1L2	UCI 224	UCI 274	UCDI 274
Winding	311					
Protection Degree	IP23					
Insulation Class	H Class					
Excitation System	Does not include	Auxiliary Winding		Optional PMG		
Application Voltage	208V, 220V, 380V, 400V, 416V, 440V, 480V (3F) 220V, 240V (1F)					
Application Frequencies	50Hz/60Hz					
Number of Wires	12 Wires					
Number of Bearings	1 Bearing					

					
⚡ Model	S4LID	HCI 534	S5LID	S6LID	S7LID
Winding	311				
Protection Degree	IP23				
Insulation Class	H Class				
Excitation System	PMG Included				
Application Voltage	208V, 220V, 380V, 400V, 416V, 440V, 480V (3F) 220V, 240V (1F)				
Application Frequencies	50Hz/60Hz				
Number of Wires	12 Wires				
Number of Bearings	1 Bearing				



WARNING

1. THIS TANK MAY CONTAIN COMBUSTIBLE LIQUID. DO NOT USE ANY HEAT PRODUCING EQUIPMENT OR WELDING EQUIPMENT TO MOUNT GENERATOR TO THIS TANK.
2. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR MOUNTING GENERATOR AND ANCILLARY EQUIPMENT.
3. CONSULTING WITH AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
4. MAXIMUM LEAK TEST PRESSURE: 3 PSIG
5. THIS IS AN ATMOSPHERIC GENERATOR BASE TANK NOT A PRESSURE VESSEL. IT HAS BEEN TESTED AT 15 PSIG FOR WELD INTEGRITY AND WAS DESIGNED FOR DIESEL FUEL ONLY.
6. MAXIMUM LOAD CAPACITY OF 5098.0 Kg/m LINEAR PER ASSEMBLY LENGTH OF THE GENERATOR SET.
7. MOUNT GENERATOR ONLY ON MARKED SUPPORT POINTS AND SECURE TO MOUNTING MEANS PROVIDED.

UL-142 PRIMARY TANK

TANK REQUIRED EMERGENCY RELIEF VENTING.
CAPACITY NOT LESS THAN:

- ☐ 2" NPT - 31600 CUBIC FEET PER HOUR
- ☐ 3" NPT - 63200 CUBIC FEET PER HOUR
- ☒ 4" NPT - 105000 CUBIC FEET PER HOUR
- ☐ 5" NPT - 190000 CUBIC FEET PER HOUR
- ☐ 6" NPT - 265000 CUBIC FEET PER HOUR
- ☐ 8" NPT - 493000 CUBIC FEET PER HOUR

FOR STATIONARY INSTALLATION ONLY



modasas
motores diesel andinos s.a.

MANUFACTURED BY MOTORES DIESEL ANDINOS S.A.
RUC 2041792652
LIMA - PERU
www.modasas.com.pe

SECONDARY CONTAINMENT GENERATOR BASE TANK MH65956

TANK TYPE	SUB-BASE FUEL TANK	USEFUL CAPACITY	613.0 gal
TANK MODEL	MTULI-3B/18/DW	AUTONOMY	21.7 h
SERIAL NUMBER	X41627H	ASSOCIATED ENGINE FUEL CONSUMPTION	106.9 l/h
TANK MASS	1565 Kg	MANUFACTURED	2025
EXTERNAL LENGTH	220.47 in [5600 mm]		
EXTERNAL WIDTH	80.71 in [2050 mm]		
EXTERNAL HEIGHT	17.72 in [450 mm]		

THIS TANK IS INTENDED FOR STATIONARY INSTALLATION ONLY



UL-142 SECONDARY TANK

TANK REQUIRED EMERGENCY RELIEF VENTING.
CAPACITY NOT LESS THAN:

- ☐ 2" NPT - 31600 CUBIC FEET PER HOUR
- ☐ 3" NPT - 63200 CUBIC FEET PER HOUR
- ☒ 4" NPT - 105000 CUBIC FEET PER HOUR
- ☐ 5" NPT - 190000 CUBIC FEET PER HOUR
- ☐ 6" NPT - 265000 CUBIC FEET PER HOUR
- ☐ 8" NPT - 493000 CUBIC FEET PER HOUR

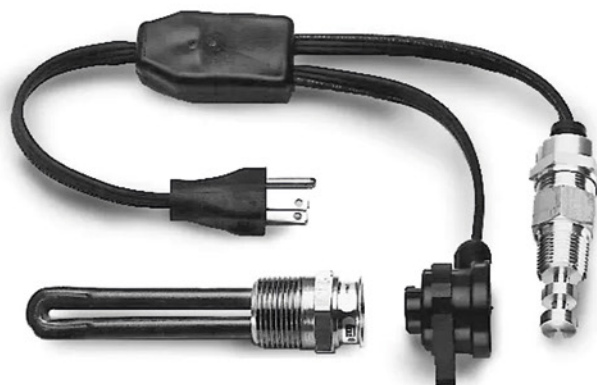
PRIMARY & ANNULAR PRESSURIZES FOR TEST
FOR STATIONARY INSTALLATION ONLY

ENGINE UL ACCESSORIES

COOLANT AND OIL HEATER



OIL HEATER



BATTERY CHARGER



SWITCH FOR BATTERY DISCONNECTION



ALTERNATOR UL Accessories

ANTI-CONDENSATION HEATER



FREQUENCY AND VOLTAGE POTENTIOMETER



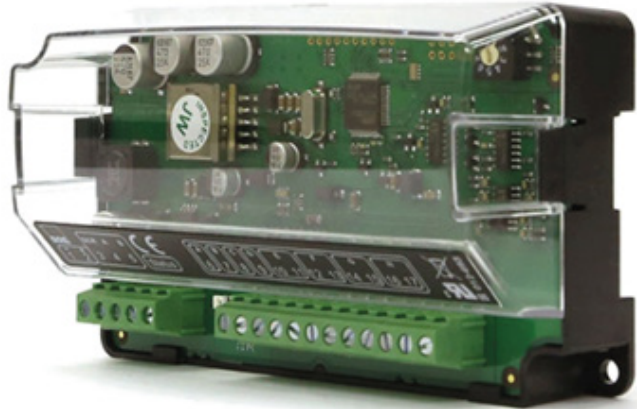
CONTROLLER UL

ACCESSORIES

DSE890MKII



DSE 2130 EXPANSION RELAY



DSE 2157 EXPANSION RELAY



UL BREAKER



FUEL TANK INTEGRATED INTO THE BASE

TECHNICAL SPECIFICATIONS



STANDARD TANK FEATURES INCLUDE:

- UL 142 Certified under file N° MH 65956 – Fully customizable – High strength.
- The tank’s useful capacity allows full load operation with autonomy from 8 to 72 hours.
- Available designs in single and double wall.
- Electrical connection areas "Stub Up" as required for customer electrical connections.
- Threaded connections "NPT" are used:
 - Fuel supply and return (1/2" to 1")
 - Fuel filling (2" to 4")
 - Normal ventilation (minimum size 1-1/4")
 - Emergency ventilation (2" to 6")
 - Drainage (1/2" to 2")
 - Leak detector (minimum size 1-1/2")
 - Connection for monitoring (1/2" to 4")
 - Mechanical fuel level indicator (minimum size 1-1/4")
 - Electric fuel level indicator (minimum size 1-1/4")
 - Connections for optional accessories (minimum size 1-1/4")
- Coatings: Standard black color
- Lifting lugs included in the tank
- All pipe connections come with plastic caps
- Identification and safety plates included

NOTE 1:

- The standard accessories for the aforementioned "NPT" threaded connections are optional.
- They can be included at the customer’s request.

NOTE 2:

- Standard tanks, according to their autonomy, are defined according to:
- See the Complete Autonomy Table at the end

Tank Type: STD (Standard)	Autonomy
Type 1	24 hours
Type 2	12 hours
Type 3	08 hours

ASSOCIATED STANDARDS

UL 142 Standard:

Steel Tanks for Storage of Flammable and Combustible Liquids

NFPA 30 Standard:

Flammable and Combustible Liquids Code

NFPA 37 Standard:

Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines

NFPA 110 Standard:

Standard for Emergency and Standby Power Systems

OPTIONAL SUPPLEMENTARY ACCESSORIES FOR THE FUEL TANK	
Code	Description
S/C1	Anti-spill container
S/C2	High fuel level switch
S/C3	Low fuel level switch
S/C4	Visual and/or audible alarm panel
S/C5	Fuel transfer pump, with controls and alarm panel
S/C6	Overfill protection valve
S/C7	Check valve in the fuel supply line
S/C8	Other products

REFERENTIAL DIMENSIONAL MODEL

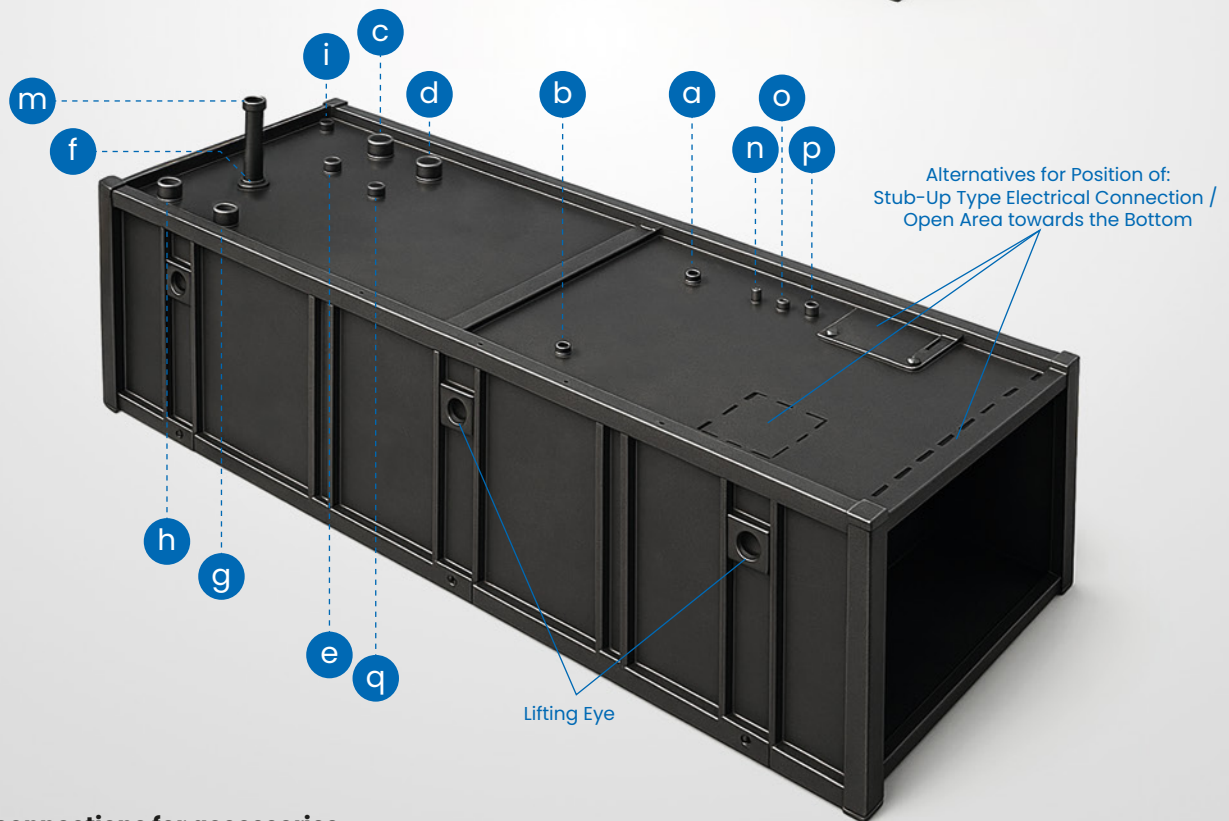
Considerations:

These openings are valid for:

- Single wall tanks
- Double wall tanks

Generator Set
(UL2200 Enclosure and skid)

UL 142 Base Integrated Tank



Standard connections for accessories

- | | |
|---|---|
| a. Fuel supply to the engine | k. Primary tank drainage |
| b. Fuel return from the engine | l. Fuel leak detector switch (Optional) |
| c. Fuel filling | m. Elevated pipe (Optional) |
| d. Mechanical fuel level indicator | n. Electric fuel level indicator (Optional) |
| e. External filling | o. Minimum fuel level sensor (Optional) |
| f. Normal ventilation | p. Maximum fuel level sensor (Optional) |
| g. Primary tank emergency ventilation | q. (Optional) |
| h. Secondary tank emergency ventilation | |
| i. Fuel leak detector switch | |
| j. Secondary tank drainage | |

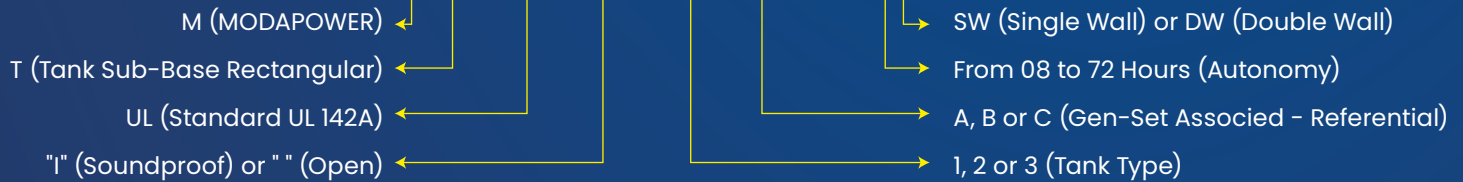
Note:

- The positions of the openings can vary according to the design of the tank.
- See the final Complete Autonomy Table.

GENERAL LIST OF: "RECTANGULAR SUB-BASE TANKS FOR GENERATOR SET"

Coding: Sub-Base Rectangular Tank

MTUL _ - _ / _ / _



TANK TYPE 1						
GEN-SET ASSOCIED (REFERENTIAL) MODEL A	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULPE 10I	MTULI-1A/08/SW	MTULI-1A/08/DW	08	1200 - 4000 [47.2 - 157.5]	600-1500 [23.6 - 59.1]	130 - 1000 [5.1 - 39.4]
	MTULI-1A/10/SW	MTULI-1A/10/DW	10			
	MTULI-1A/12/SW	MTULI-1A/12/DW	12			
	MTULI-1A/14/SW	MTULI-1A/14/DW	14			
	MTULI-1A/16/SW	MTULI-1A/16/DW	16			
	MTULI-1A/18/SW	MTULI-1A/18/DW	18			
MULPE 14I	MTULI-1A/20/SW	MTULI-1A/20/DW	20			
	MTULI-1A/22/SW	MTULI-1A/22/DW	22			
MULPE 20I	MTULI-1A/24/SW	MTULI-1A/24/DW	24			
	MTULI-1A/27/SW	MTULI-1A/27/DW	27			
MULKE 11I	MTULI-1A/30/SW	MTULI-1A/30/DW	30			
	MTULI-1A/35/SW	MTULI-1A/35/DW	35			
MULKE 15I	MTULI-1A/40/SW	MTULI-1A/40/DW	40			
	MTULI-1A/44/SW	MTULI-1A/44/DW	44			
MULKE 20I	MTULI-1A/48/SW	MTULI-1A/48/DW	48			
	MTULI-1A/50/SW	MTULI-1A/50/DW	50			
	MTULI-1A/55/SW	MTULI-1A/55/DW	55			
	MTULI-1A/60/SW	MTULI-1A/60/DW	60			
	MTULI-1A/65/SW	MTULI-1A/65/DW	65			
	MTULI-1A/72/SW	MTULI-1A/72/DW	72			

TANK TYPE 1						
GEN-SET ASSOCIED (REFERENTIAL) MODEL B	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULP 25I	MTULI-1B/08/SW	MTULI-1B/08/DW	08	1200 - 4000 [47.2 - 157.5]	600-1500 [23.6 - 59.1]	130 - 1000 [5.1 - 39.4]
	MTULI-1B/10/SW	MTULI-1B/10/DW	10			
	MTULI-1B/12/SW	MTULI-1B/12/DW	12			
MULP 30I	MTULI-1B/14/SW	MTULI-1B/14/DW	14			
	MTULI-1B/16/SW	MTULI-1B/16/DW	16			
MULP 50I	MTULI-1B/18/SW	MTULI-1B/18/DW	18			
	MTULI-1B/20/SW	MTULI-1B/20/DW	20			
MULP 60I	MTULI-1B/22/SW	MTULI-1B/22/DW	22			
	MTULI-1B/24/SW	MTULI-1B/24/DW	24			
MULPE 28I	MTULI-1B/27/SW	MTULI-1B/27/DW	27			
MULPE 30I	MTULI-1B/30/SW	MTULI-1B/30/DW	30			
	MTULI-1B/35/SW	MTULI-1B/35/DW	35			
MULKE 30I	MTULI-1B/40/SW	MTULI-1B/40/DW	40			
	MTULI-1B/44/SW	MTULI-1B/44/DW	44			
MULKE 40I	MTULI-1B/48/SW	MTULI-1B/48/DW	48			
	MTULI-1B/50/SW	MTULI-1B/50/DW	50			
MULKE 45I	MTULI-1B/55/SW	MTULI-1B/55/DW	55			
	MTULI-1B/60/SW	MTULI-1B/60/DW	60			
MULKE 50I	MTULI-1B/65/SW	MTULI-1B/65/DW	65			
	MTULI-1B/72/SW	MTULI-1B/72/DW	72			

TANK TYPE 1						
GEN-SET ASSOCIED (REFERENTIAL) MODEL C	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULP 70I	MTULI-1C/08/SW	MTULI-1C/08/DW	08	1200 - 4000 [47.2 - 157.5]	600-1500 [23.6 - 59.1]	130 - 1000 [5.1 - 39.4]
	MTULI-1C/10/SW	MTULI-1C/10/DW	10			
MULP 82I	MTULI-1C/12/SW	MTULI-1C/12/DW	12			
	MTULI-1C/14/SW	MTULI-1C/14/DW	14			
MULP 100I	MTULI-1C/16/SW	MTULI-1C/16/DW	16			
	MTULI-1C/18/SW	MTULI-1C/18/DW	18			
MULPE 45I	MTULI-1C/20/SW	MTULI-1C/20/DW	20			
	MTULI-1C/22/SW	MTULI-1C/22/DW	22			
MULPE 55I	MTULI-1C/24/SW	MTULI-1C/24/DW	24			
	MTULI-1C/27/SW	MTULI-1C/27/DW	27			
MULPE 65I	MTULI-1C/30/SW	MTULI-1C/30/DW	30			
	MTULI-1C/35/SW	MTULI-1C/35/DW	35			
MULPE 82I	MTULI-1C/40/SW	MTULI-1C/40/DW	40			
	MTULI-1C/44/SW	MTULI-1C/44/DW	44			
MULVE 85I	MTULI-1C/48/SW	MTULI-1C/48/DW	48			
	MTULI-1C/50/SW	MTULI-1C/50/DW	50			
MULVE 100I	MTULI-1C/55/SW	MTULI-1C/55/DW	55			
	MTULI-1C/60/SW	MTULI-1C/60/DW	60			
MULVE 110I	MTULI-1C/65/SW	MTULI-1C/65/DW	65			
	MTULI-1C/72/SW	MTULI-1C/72/DW	72			

TANK TYPE 2						
GEN-SET ASSOCIED (REFERENTIAL) MODEL A	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULP 120I	MTULI-2A/08/SW	MTULI-2A/08/DW	08	2400 - 7600 [94.5 - 275.6]	1000 - 3200 [39.4 - 118.1]	200-1500 [7.9 - 59.1]
	MTULI-2A/10/SW	MTULI-2A/10/DW	10			
	MTULI-2A/12/SW	MTULI-2A/12/DW	12			
MULP 150I	MTULI-2A/14/SW	MTULI-2A/14/DW	14			
	MTULI-2A/16/SW	MTULI-2A/16/DW	16			
MULP 180I	MTULI-2A/18/SW	MTULI-2A/18/DW	18			
	MTULI-2A/20/SW	MTULI-2A/20/DW	20			
MULPE 140I	MTULI-2A/22/SW	MTULI-2A/22/DW	22			
	MTULI-2A/24/SW	MTULI-2A/24/DW	24			
MULPE 155I	MTULI-2A/27/SW	MTULI-2A/27/DW	27			
MULPE 180I	MTULI-2A/30/SW	MTULI-2A/30/DW	30			
	MTULI-2A/35/SW	MTULI-2A/35/DW	35			
MULVE 135I	MTULI-2A/40/SW	MTULI-2A/40/DW	40			
	MTULI-2A/44/SW	MTULI-2A/44/DW	44			
MULPE 140I	MTULI-2A/48/SW	MTULI-2A/48/DW	48			
	MTULI-2A/50/SW	MTULI-2A/50/DW	50			
MULPE 155I	MTULI-2A/55/SW	MTULI-2A/55/DW	55			
	MTULI-2A/60/SW	MTULI-2A/60/DW	60			
MULD 125I	MTULI-2A/65/SW	MTULI-2A/65/DW	65			
	MTULI-2A/72/SW	MTULI-2A/72/DW	72			

TANK TYPE 2						
GEN-SET ASSOCIED (REFERENTIAL) MODEL B	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULP 210I	MTULI-2A/08/SW	MTULI-2A/08/DW	08	2400 - 7600 [94.5 - 275.6]	1000 - 3200 [39.4 - 118.1]	200-1500 [7.9 - 59.1]
	MTULI-2A/10/SW	MTULI-2A/10/DW	10			
MULP 260I	MTULI-2A/12/SW	MTULI-2A/12/DW	12			
MULP 310I	MTULI-2A/14/SW	MTULI-2A/14/DW	14			
MULP 355I	MTULI-2A/16/SW	MTULI-2A/16/DW	16			
MULP 400I	MTULI-2A/18/SW	MTULI-2A/18/DW	18			
MULPE 255I	MTULI-2A/20/SW	MTULI-2A/20/DW	20			
MULPE 310I	MTULI-2A/22/SW	MTULI-2A/22/DW	22			
MULPE 355I	MTULI-2A/24/SW	MTULI-2A/24/DW	24			
MULPE 405I	MTULI-2A/27/SW	MTULI-2A/27/DW	27			
MULVE 160I	MTULI-2A/30/SW	MTULI-2A/30/DW	30			
MULVE 180I	MTULI-2A/35/SW	MTULI-2A/35/DW	35			
MULVE 185I	MTULI-2A/40/SW	MTULI-2A/40/DW	40			
MULVE 210I	MTULI-2A/44/SW	MTULI-2A/44/DW	44			
MULVE 227I	MTULI-2A/48/SW	MTULI-2A/48/DW	48			
MULVE 230I	MTULI-2A/50/SW	MTULI-2A/50/DW	50			
MULD 165I	MTULI-2A/55/SW	MTULI-2A/55/DW	55			
MULD 175I	MTULI-2A/60/SW	MTULI-2A/60/DW	60			
MULD 205I	MTULI-2A/65/SW	MTULI-2A/65/DW	65			
MULD 230I	MTULI-2A/72/SW	MTULI-2A/72/DW	72			

TANK TYPE 2						
GEN-SET ASSOCIED (REFERENTIAL) MODEL C	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULP 460I	MTULI-2C/08/SW	MTULI-2C/08/DW	08	2400 - 7600 [94.5 - 275.6]	1000 - 3200 [39.4 - 118.1]	200-1500 [7.9 - 59.1]
MULP 515I	MTULI-2C/10/SW	MTULI-2C/10/DW	10			
MULPE 460I	MTULI-2C/12/SW	MTULI-2C/12/DW	12			
MULPE 515I	MTULI-2C/14/SW	MTULI-2C/14/DW	14			
MULVE 240I	MTULI-2C/16/SW	MTULI-2C/16/DW	16			
MULVE 250I	MTULI-2C/18/SW	MTULI-2C/18/DW	18			
MULVE 270I	MTULI-2C/20/SW	MTULI-2C/20/DW	20			
MULVE 300I	MTULI-2C/22/SW	MTULI-2C/22/DW	22			
MULVE 305I	MTULI-2C/24/SW	MTULI-2C/24/DW	24			
MULVE 330I	MTULI-2C/27/SW	MTULI-2C/27/DW	27			
MULVE 350I	MTULI-2C/30/SW	MTULI-2C/30/DW	30			
MULVE 360I	MTULI-2C/35/SW	MTULI-2C/35/DW	35			
MULVE 370I	MTULI-2C/40/SW	MTULI-2C/40/DW	40			
MULVE 400I	MTULI-2C/44/SW	MTULI-2C/44/DW	44			
MULD 270I	MTULI-2C/48/SW	MTULI-2C/48/DW	48			
MULD 315I	MTULI-2C/50/SW	MTULI-2C/50/DW	50			
MULD 330I	MTULI-2C/55/SW	MTULI-2C/55/DW	55			
MULD 350I	MTULI-2C/60/SW	MTULI-2C/60/DW	60			
MULD 400I	MTULI-2C/65/SW	MTULI-2C/65/DW	65			
MULD 405I	MTULI-2C/72/SW	MTULI-2C/72/DW	72			

TANK TYPE 3						
GEN-SET ASSOCIED (REFERENTIAL) MODEL A	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULPE 570I MULPE 620I MULP 570I MULP 615I MULVE 402I MULVE 450I MULVE 470I MULVE 520I MULVE 550I MULD 460I MULD 500I MULD 505I MULD 560I MULD 605I MULD 610I MULC 600I	MTULI-3A/08/SW	MTULI-3A/08/DW	08	3000 - 9000 [118.1 - 334.6]	1300 - 3500 [51.2 - 137.8]	200-1500 [7.9 - 59.1]
	MTULI-3A/10/SW	MTULI-3A/10/DW	10			
	MTULI-3A/12/SW	MTULI-3A/12/DW	12			
	MTULI-3A/14/SW	MTULI-3A/14/DW	14			
	MTULI-3A/16/SW	MTULI-3A/16/DW	16			
	MTULI-3A/18/SW	MTULI-3A/18/DW	18			
	MTULI-3A/20/SW	MTULI-3A/20/DW	20			
	MTULI-3A/22/SW	MTULI-3A/22/DW	22			
	MTULI-3A/24/SW	MTULI-3A/24/DW	24			
	MTULI-3A/27/SW	MTULI-3A/27/DW	27			
	MTULI-3A/30/SW	MTULI-3A/30/DW	30			
	MTULI-3A/35/SW	MTULI-3A/35/DW	35			
	MTULI-3A/40/SW	MTULI-3A/40/DW	40			
	MTULI-3A/44/SW	MTULI-3A/44/DW	44			
	MTULI-3A/48/SW	MTULI-3A/48/DW	48			
	MTULI-3A/50/SW	MTULI-3A/50/DW	50			
	MTULI-3A/55/SW	MTULI-3A/55/DW	55			
	MTULI-3A/60/SW	MTULI-3A/60/DW	60			
	MTULI-3A/65/SW	MTULI-3A/65/DW	65			
	MTULI-3A/72/SW	MTULI-3A/72/DW	72			

TANK TYPE 3						
GEN-SET ASSOCIED (REFERENTIAL) MODEL B	CERTIFIED MODELS GENERATOR BASE TANKS		AUTONOMY (HOURS)	L mm [in]	W mm [in]	H mm [in]
	SINGLE WALL	DOUBLE WALL				
MULP 760I	MTULI-3B/08/SW	MTULI-3B/08/DW	08	3000 - 9000 [118.1 - 334.6]	1300 - 3500 [51.2 - 137.8]	200-1500 [7.9 - 59.1]
	MTULI-3B/10/SW	MTULI-3B/10/DW	10			
	MTULI-3B/12/SW	MTULI-3B/12/DW	12			
MULVE 555I	MTULI-3B/14/SW	MTULI-3B/14/DW	14			
MULVE 610I	MTULI-3B/16/SW	MTULI-3B/16/DW	16			
	MTULI-3B/18/SW	MTULI-3B/18/DW	18			
MULVE 625I	MTULI-3B/20/SW	MTULI-3B/20/DW	20			
	MTULI-3B/22/SW	MTULI-3B/22/DW	22			
MULD 665I	MTULI-3B/24/SW	MTULI-3B/24/DW	24			
	MTULI-3B/27/SW	MTULI-3B/27/DW	27			
MULD 670I	MTULI-3B/30/SW	MTULI-3B/30/DW	30			
MULD 700I	MTULI-3B/35/SW	MTULI-3B/35/DW	35			
MULD 705I	MTULI-3B/40/SW	MTULI-3B/40/DW	40			
	MTULI-3B/44/SW	MTULI-3B/44/DW	44			
MULD 750I	MTULI-3B/48/SW	MTULI-3B/48/DW	48			
	MTULI-3B/50/SW	MTULI-3B/50/DW	50			
MULC 770I	MTULI-3B/55/SW	MTULI-3B/55/DW	55			
MULC 800I	MTULI-3B/60/SW	MTULI-3B/60/DW	60			
	MTULI-3B/65/SW	MTULI-3B/65/DW	65			
	MTULI-3B/72/SW	MTULI-3B/72/DW	72			

EXTERNAL DAY TANKS

Coding: Sub-Base Rectangular Tank

MTEUL-___/___

M (MODAPOWER) →
 TE (External Day Tank) →
 UL (Standard UL 142A) →

SW (Single Wall) o DW (Double Wall)
 Capacidad (Galones)
 1 (Type 1) o 2 (Type 2)

TYPE 1						
CERTIFIED MODELS EXTERNAL DAY TANKS		CAPACITY (GALLONS)	OVERALL APPROXIMATE DIMENSIONS			HEIGHT OF STRUCTURAL BASE
			MANUFACTURING TOLERANCE +/- 20mm			
SINGLE WALL	DOUBLE WALL		L mm / [in]	W mm / [in]	H mm / [in]	HB mm / [in]
MTEUL1-50/SW	MTEUL1-50/DW	50	500 - 2400 [19.7 - 94.5]	500 - 2000 [19.7 - 78.7]	500 - 1800 [19.7 - 70.9]	100 - 2000 [3.9 - 78.7]
MTEUL1-75/SW	MTEUL1-75/DW	75				
MTEUL1-100/SW	MTEUL1-100/DW	100				
MTEUL1-125/SW	MTEUL1-125/DW	125				
MTEUL1-150/SW	MTEUL1-150/DW	150				
MTEUL1-175/SW	MTEUL1-175/DW	175				
MTEUL1-200/SW	MTEUL1-200/DW	200				
MTEUL1-225/SW	MTEUL1-225/DW	225				
MTEUL1-250/SW	MTEUL1-250/DW	250				
MTEUL1-275/SW	MTEUL1-275/DW	275				
MTEUL1-300/SW	MTEUL1-300/DW	300				
MTEUL1-325/SW	MTEUL1-325/DW	325				
MTEUL1-350/SW	MTEUL1-350/DW	350				
MTEUL1-375/SW	MTEUL1-375/DW	375				
MTEUL1-400/SW	MTEUL1-400/DW	400				
MTEUL1-425/SW	MTEUL1-425/DW	425				
MTEUL1-450/SW	MTEUL1-450/DW	450				
MTEUL1-475/SW	MTEUL1-475/DW	475				
MTEUL1-500/SW	MTEUL1-500/DW	500				
MTEUL1-525/SW	MTEUL1-525/DW	525				
MTEUL1-550/SW	MTEUL1-550/DW	550				
MTEUL1-575/SW	MTEUL1-575/DW	575				
MTEUL1-600/SW	MTEUL1-600/DW	600				
MTEUL1-625/SW	MTEUL1-625/DW	625				
MTEUL1-650/SW	MTEUL1-650/DW	650				
MTEUL1-675/SW	MTEUL1-675/DW	675				
MTEUL1-700/SW	MTEUL1-700/DW	700				
MTEUL1-725/SW	MTEUL1-725/DW	725				
MTEUL1-750/SW	MTEUL1-750/DW	750				
MTEUL1-775/SW	MTEUL1-775/DW	775				
MTEUL1-800/SW	MTEUL1-800/DW	800				

TYPE 2						
CERTIFIED MODELS EXTERNAL DAY TANKS		CAPACITY (GALLONS)	OVERALL APPROXIMATE DIMENSIONS			HEIGHT OF STRUCTURAL BASE
			MANUFACTURING TOLERANCE +/- 20mm			
SINGLE WALL	DOUBLE WALL		L mm / [in]	W mm / [in]	H mm / [in]	HB mm / [in]
MTEUL2-850/SW	MTEUL2-850/DW	850				
MTEUL2-900/SW	MTEUL2-900/DW	900				
MTEUL2-950/SW	MTEUL2-950/DW	950				
MTEUL2-1000/SW	MTEUL2-1000/DW	1000				
MTEUL2-1050/SW	MTEUL2-1050/DW	1050				
MTEUL2-1100/SW	MTEUL2-1100/DW	1100				
MTEUL2-1150/SW	MTEUL2-1150/DW	1150				
MTEUL2-1200/SW	MTEUL2-1200/DW	1200				
MTEUL2-1250/SW	MTEUL2-1250/DW	1250				
MTEUL2-1300/SW	MTEUL2-1300/DW	1300				
MTEUL2-1350/SW	MTEUL2-1350/DW	1350				
MTEUL2-1400/SW	MTEUL2-1400/DW	1400				
MTEUL2-1450/SW	MTEUL2-1450/DW	1450				
MTEUL2-1500/SW	MTEUL2-1500/DW	1500				
MTEUL2-1550/SW	MTEUL2-1550/DW	1550				
MTEUL2-1600/SW	MTEUL2-1600/DW	1600				
MTEUL2-1650/SW	MTEUL2-1650/DW	1650	1300 - 6000	1200 - 2500	1000 - 2000	200 - 1000
MTEUL2-1700/SW	MTEUL2-1700/DW	1700	[51.2 - 236.2]	[47.2 - 98.4]	[39.4 - 78.7]	[7.9 - 39.4]
MTEUL2-1750/SW	MTEUL2-1750/DW	1750				
MTEUL2-1800/SW	MTEUL2-1800/DW	1800				
MTEUL2-1850/SW	MTEUL2-1850/DW	1850				
MTEUL2-1900/SW	MTEUL2-1900/DW	1900				
MTEUL2-1950/SW	MTEUL2-1950/DW	1950				
MTEUL2-2000/SW	MTEUL2-2000/DW	2000				
MTEUL2-2050/SW	MTEUL2-2050/DW	2050				
MTEUL2-2100/SW	MTEUL2-2100/DW	2100				
MTEUL2-2150/SW	MTEUL2-2150/DW	2150				
MTEUL2-2200/SW	MTEUL2-2200/DW	2200				
MTEUL2-2250/SW	MTEUL2-2250/DW	2250				
MTEUL2-2300/SW	MTEUL2-2300/DW	2300				
MTEUL2-2350/SW	MTEUL2-2350/DW	2350				
MTEUL2-2400/SW	MTEUL2-2400/DW	2400				
MTEUL2-2450/SW	MTEUL2-2450/DW	2450				
MTEUL2-2500/SW	MTEUL2-2500/DW	2500				



IMPORTANT KEEP IN MIND

- UL generator sets do not have a fuel tank frame.
- The generator set collar frame will be bolted directly to the tank frame.

The logo features a stylized checkered icon to the left of the word "modapower" in a bold, italicized, lowercase sans-serif font. The background of the entire page is a blue-tinted photograph of industrial power equipment, including large metal cabinets with ventilation grilles and the "modasa" brand name visible on some units.

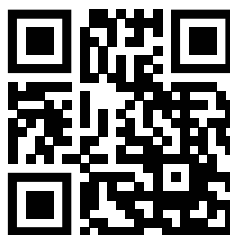
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