

SOLUTIONS TO  
**POWER**  
YOUR WORLD



**Associated Power Solutions FZC**

## **CORPORATE PROFILE**

Associated Power Solutions FZC ("APS FZC") is an Irish based company which has been successfully manufacturing and supplying Power Generators and Fuel Tanks in the International Market for many years.

APS have also been operational in UAE for the past 5 years and have established itself as a significant player, as well as in supplying generators across the Middle East; we are also exporting fuel Tanks to 2 Major fuel Tank distributors globally.

We have partnered with an Omani Company that is part of the MB Holdings Group.

APS have appointed a construction company to build our new state of the Art Facility in HFZO, which will be completed by end of Q4 2015 – Q1 2016.

Our ambitious goal is backed by the company's unique Technology and Innovation coupled with our Dynamic and Strong Management team. The Board of Directors have a combined wealth of knowledge and experience that will allow us to expand even further and provide consistence and continuous growth in line with our business strategy.

## **VISION STATEMENT**

To be Regional Market Leaders in the supply of Power Projects, and to improve the environmental issues in the area of our range of Eco-friendly Products.

## **MISSION STATEMENT**

Achieving a strong growth pattern by aggressively pursuing our Top Quality Products with Customer Service to match.

## **COMPANY OBJECTIVES**

To manufacture in the UAE, our UK Spec, of our Large range of 1M/W and above Power units with specialized application designs for the Power Project Market.

To manufacture environmental friendly Fuel Tanks for the Oil & Gas and Petrochemical Industry.

To launch a Service Division to compliment the Generators and Fuel Tanks

To launch the Power Regeneration Division supporting our own power division.





# APS FUEL TANK RANGE



## FUEL TANKS

APS have been manufacturing fuel tanks in the UAE since 2011, APS fuel tanks are built under the ADR / UN requirements (PPG2 & PPG26) Codes. APS fuel tanks are built & tested to the highest standards within the industry & are certified by a 3rd party company like Bureau Veritas. APS is now in partnership with Untied Engineering Services LLC (UES) in Oman, who is also one of the most respected engineering companies within the oil & gas industry. UES manufactures the APS range of fuel tanks for the MENA areas.

## FEATURES

### Small Tank Range

- Tanks are fabricated from high grade mild steel
- 2 x Feed and Return Fuel Fittings. (  $\frac{1}{2}$  or  $\frac{3}{4}$  fuel fittings)
- 3" Fuel Fill Point with Fuel Cap for easy filling
- 2 Way Fork Lift Pockets and 4 Point Lift Hooks are provided for easy and safe handling
- Frame designed for Multi Stacking for economical storage and transportation in Containers & Truck Beds
- Space efficient design: Can easily stack up to 2 high when full and 3 High when empty
- Internal Baffles included in all tanks to prevent Fuel Surge
- Unique Hex Corners for extra strength and Hose Openings in front to allow tank to be used when locked

### Large Tank Range

- Tanks are manufactured in 20ft & 40ft ISO Containers.
- 4 x ISO Lifting Points on Containers.
- 2 x hydrostatic fuel indicator for inner tank & outer bunded tank.
- 6 x Feed & Return Fuel Line Fittings. (1" Standard Fittings)
- 3" Cam Lock Fuel Fill Point.
- 600mm Manway with Access Ladder for easy Maintenance.
- Over fill and wet alarm indicator.
- Fuel Safe Spillage Containment. (Bunded to 110%)
- Standard Container Access Door at Front of Container.

TANK RANGE	FUEL CAPACITY LITRES	SAFE FILL LEVEL LITRES	DIMENSION			
			LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)	TARE WEIGHT (KG)
APS2KL	2000	1900	1416	2191	1330	1550
APS4.5KL	4500	4250	2925	2191	1330	2450
APS6.3KL	6300	6000	3870	2191	1330	3100
APS10KL	10000	9500	5800	2191	1330	4300
APS20KL	20000	19000	6058	2438	2896	6370
APS50KL	50000	47500	12192	2438	28961	2900
APS60KL	60000	57000	12192	2438	2896	12900

All Tanks are 110% Bunded for safe filling and spillages.

Picture shown above is only for illustration purpose, May contain optional item. In line with our Policy of continuous development, we reserve the right to change specification without notice. \* For more technical information, please refer to the website below:

[www.apsuae.com](http://www.apsuae.com)



# APS GENSETS POWER RATING CARD

kVA Range	ENGINE	ALTERNATOR	OPEN GENSET DIMENSION				Genset with WP&SA Enclosure Dimension			
	PERKINS UK	MECC ALTE /LEROY SOMER	LENGTH (MM)	WIDTH (MM)	HIGHT (MM)	WEIGHT (KG)	LENGTH (MM)	WIDTH (MM)	HIGHT (MM)	WEIGHT (KG)
9 kVA	403A-11G	Mecc alte UK/Leroy somer TAL	1450	700	900	325	1560	760	960	525
13 kVA	403A-15G	Mecc alte UK/Leroy somer TAL	1450	700	910	425	1560	760	1500	635
20 kVA	404D-22G	Mecc alte UK/Leroy somer TAL	1600	700	1000	500	1720	760	1500	750
30 kVA	1103A-33G	Mecc alte UK/Leroy somer TAL	1650	775	1175	800	2000	950	1960	1300
45 kVA	1103A-33TG1	Mecc alte UK/Leroy somer TAL	1950	775	1175	850	2260	1100	1960	1350
60 kVA	1103A-33TG2	Mecc alte UK/Leroy somer TAL	1950	775	1175	900	2260	1100	1960	1450
80 kVA	1104A-44TG2	Mecc alte UK/Leroy somer TAL	2050	775	1325	1000	2360	1100	1960	1600
100 kVA	1104C-44TAG2	Mecc alte UK/Leroy somer TAL	2400	775	1375	1200	2750	1100	1960	1810
135 kVA	1106A-70TAG1	Mecc alte UK/Leroy somer TAL	2500	775	1425	1250	3200	1100	1960	1910
150 kVA	1106A-70TAG2	Mecc alte UK/Leroy somer TAL	2500	775	1425	1325	3200	1100	1960	1975
180 kVA	1106A-70TAG3	Mecc alte UK/Leroy somer EU	2800	1000	1800	1750	3700	1300	1960	2650
200 kVA	1106A-E70TAG4	Mecc alte UK/Leroy somer EU	2800	1000	1800	2100	3700	1300	1960	3150
200 kVA	1506A-E88TAG1	Mecc alte UK/Leroy somer EU	2850	1000	1800	2150	4100	1300	2360	3200
250 kVA	1506A-E88TAG3	Mecc alte UK/Leroy somer EU	2850	1000	1800	2200	4100	1300	2360	3275
300 kVA	1506A-E88TAG5	Leroy somer-EU	2850	1000	1800	2200	4100	1300	2360	3325
350 kVA	2206A-E13TAG2	Leroy somer-EU	3400	1200	1800	3150	4420	1600	2360	4450
400 kVA	2206A-E13TAG3	Leroy somer-EU	3400	1200	1800	3180	4420	1600	2360	4480
500 kVA	2506A-E15TAG1	Leroy somer-EU	3800	1200	1800	3760	4920	1600	2360	5160
600 kVA	2806A-E18TAG1	Leroy somer-EU	3800	1600	2300	4760	5700	1900	2360	6260
650 kVA	2806A-E18TAG2A	Leroy somer-EU	3800	1600	2300	4840	5700	1900	2360	6340
750 kVA	4006-23TAG2A	Leroy somer-EU	4300	1750	2000	6100	6058	2438	2895	9100
800 kVA	4006-23TAG3A	Leroy somer-EU	4300	1750	2200	6300	6058	2438	2895	9300
1000 kVA	4008TAG2	Leroy somer-EU	4900	1850	2250	7750	6058	2438	2895	10550
1250 kVA	4012-46TWG2A	Leroy somer-EU	4950	1870	2310	9100	12192	2438	2895	13350
1500 kVA	4012-46TAG2A	Leroy somer-EU	4950	1870	2310	9100	12192	2438	2895	13350
2000 kVA	4016TAG2	Leroy somer-EU	6500	2300	3300	14980	12192	2438	4000	20180
2250 kVA	4016-61TRG3	Leroy somer-EU	6500	2300	3300	15150	12192	2438	4000	20400

In Line with Our Policy of Continuous Development, We reserve The Right to Change Specification Without Notice

\* Prime power (P.R.P) - ISO 8528: Prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during a 24 hours period shall not exceed 80% of the prime power, 10% overload available for governing purpose only.

\*\* Max-Standby power - ISO 3046: Power available for use at variable loads for limited annual time (500hr), within the following limits of maximum operating time, 100% loads 25hr per year - 90% loads 200hr per year NO overload available. Applicable in case of failure of the main in areas of reliable electrical network.

Power reduction according to DIN ISO 3046, standard values: Above 100m altitude approx 1% per 100m. Above 25°C (77°F) approx. 4% per 10°C (50°F)



# GENSET ENCLOSURE



## WEATHER PROTECTED & SOUND ATTENUATED ENCLOSURES

- All Enclosures are manufactured from Premium materials of the Highest Quality
- APS Enclosures are suitable for operation in Harsh Outdoor Environment
- APS Enclosures provide Excellent Security & Acoustic Performance
- Two Way Fork Pockets & Lifting Points are provided on the Base Frame.
- Internally Installed Exhaust Silencer
- Fuel Connections for External Fuel Tank
- Central Lifting Hook for Small & Medium range generators
- Emergency Stop Button provided on two side of the Enclosure
- Large Access doors for Easy Maintenance
- Heavy Duty Locks on all doors for added Security
- All Internal Panel Acoustical Material PU Foam- 40 mm thickness and 80kg per m<sup>3</sup> density with Perforated Sheet.
- Provision for External cable entry and access to control panel are provided
- Radiator Water Filling provision
- Access Ladder for Medium and Large Enclosure
- Internal Lighting
- Fire Extinguisher in Recess Box.

## WEATHER PROTECTED & SOUND ATTENUATED CONTAINERS:

- All Containers are manufactured from Corrugated Sheet Steel
- APS Containers are ISO Standard & CSC Plated for shipment under Customs Seal.
- ISO Lifting Corners are provided for Easy Handling.
- Wider doors are provided on all Containers for easy accesses & maintenance.
- Heavy Duty Hinges & Locks are fitted on all access doors
- Internal Floor of the container is 3mm checkered plates with durbar strengtheners as standard.
- 50mm x 50 per m<sup>3</sup> density rock wool With Internal Perforated Sheet are used for maximum sound attenuation @ 1meter in FFC Conditions
- All containers are provided with Sound Attenuated Air in / out let lovers.
- Access steps are provided on all containers
- Provision for External cable entry and access to control panel are provided.
- Emergency Stop Button provided on two side of the Container
- Internal Lighting
- Fire Extinguisher in Recess Box.



# APS MANUAL TOWER LIGHT



## SPECIFICATION

- Safe And Reliable 3 Section Telescopic Mast Adjustable up To 9 Mts by a Manual Winch.
- 4 X 1000w Metal Halide Floodlight
- Light Source with High Photosynthetic Efficiency: 100lm/W
- Heatproof Silicon Sealing Gasket. Working in - 40°C ~ 240°C.
- Reflector Surface with Polishing and Oxidation Treatment, With High Reflectivity.
- High Strength Steel Bracket, Surface with Powder Spraying Treatment, Firm, Wind Resistance, and Antirust.
- The Light Fixture and the Gear Box Are Separated, Convenient for Maintenance.
- For a 4x1000w Tower light, it can illuminate areas greater than 4500m² at An average 20 lux.

## FEATURES

- 9 Meters Telescopic Steel Mast
- 330 Degree Rotatable Mast
- Front Jack Stand with Adjustable Height
- 4 Point Extendable Outrigger Stands
- High Capacity Durable Auto Break Winch System

## ENCLOSURE SPECIFICATION

- Sound Proof Enclosure
- Compact Design
- Fork Lifting Points
- Manual Mast Operation
- Fuel Tank Capacity = 100 Ltr @ 24 Hours
- Sound Level = 65 dB (A) at 7m
- Front Jack Stand with Adjustable Height

kVA Range	ENGINE	ALTERNATOR	DIMENSION			
	Perkins UK	Meccalte /Leroy somer	L (mm)	W (mm)	H (mm)	Weight (kg)
9 kVA	403A-11G	Mecc alte UK/Leroy somer TAL	3767	1700	1935	920
15 kVA	403A-15G	Mecc alte UK/Leroy somer TAL	3767	1700	1935	1030
20 kVA	404D-22G	Mecc alte UK/Leroy somer TAL	3767	1700	1935	1150

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