PL660

SOMER



Ratings @ 0.8 P		50 Hz 00 RPM
VOLTAGE	PRIME RATING	STANDBY RATING
400/3 Ph	600 KVA	660 KVA

NOTES

Prime Power

Unlimited hours usage with an average load factor of 75% of the published Prime power over each 24 hours period.

A 10% overload is available for 1 hour in every 12 hour operation.

Standby Power

Limited to 500 hours annual usage.

Available in 60HZ for all voltage ratings

Standard Reference Conditions

Note: Standard reference conditions 40°C (104°F) Air inlet temp, 100m (328 ft.) A.S.L. 30% relative humidity.

Standards Compliance



	Dimensions		
	Open Type	Silent	Super Silent
Length:	3550mm	6050mm	6050mm
Width:	1460mm	2440mm	2440mm
Height:	2050mm	2440mm	2440mm
Weight:	4700kg	8000kg	7850kg

Technical Data

Diesel Generating Set

GENSET Make / Model	PERKINS 2806A-E18TAG1A
Alternator Make / Model	Leroy Somer TAL 0473E
Control Panel	DSE 7320
Base Frame / Canopy	Robust Structure / Corrosion Resistant
Circuit Breaker Type	3-Pole MCCB (4-Pole Available as option)
Built-In Fuel Tank Capacity (Silent)	N/A
Battery	2x 150 A

Gensets

Large Range

BPerkins

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Engine Specifications

Make & Model	PERKINS 2806A-E18TAG1A
Cylinder & Arrangement	6; Vertical in-line
Cycle	4 stroke
Induction System / Aspiration	Turbocharged
Cooling System	Water cooled
Governing	Electronic
Governing Class	G2 - ISO 8528 Part 1
Compression Ratio	14.5:1
Displacement	18.13
Bore & Stroke	145 x 185 mm
Dynamic Charging Alternator	70 AMP, 24 V

Lubrication System

Oil Filter Type	Spin-On Full Flow
Total Oil Capacity	62 L
Oil Type	API CI-4

Cooling System

Total Coolant Capacity	61.0 L
Cooling Fan Air Flow	11.70 m3/s
Max Water Temperature	103°C

Air System

States and states	
Filter Type	Dry Element
x Air Filter Intake striction	6.4kPA

UAE

Cooling System Design 50°C

Heat Radiation to Room

42.0 kW

Exhaust System

Muffler Type	Industrial Grade
Max Back Pressure	6.9 kPA
Exhaust Gas Flow	104.0 m3 / min
Exhaust Gas Temperature	≤571° C



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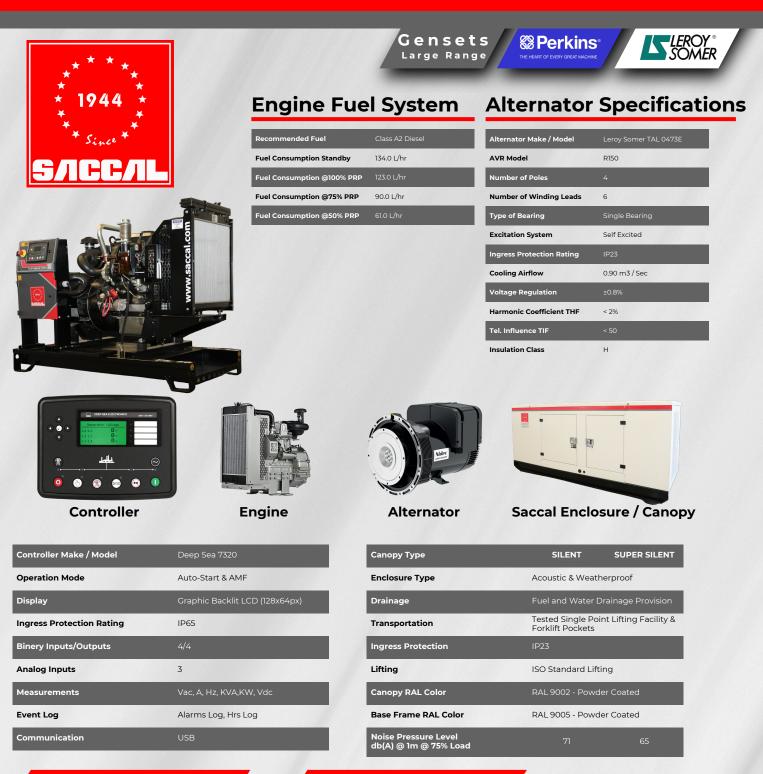
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PL660



SACCAL TOOL BOX

Standard for every GenSet

- Heat Resistant Gloves
- Notebook
- Pen
- Tape Measure
- Baseball Cap
- Operation Manual
- Wiring Diagrams
- Sound Test (Upon Request)

Why Saccal Generators ?

Saccal Industries is one of the leading diesel generator OEM firms in the **MENA** Region.

With an impressive factory that spreads over an area of 30 thousand square meters in Bekaa & ISO certification, SACCAL has always been the leading name in the manufacturing and assembly of premium quality generating sets.

From planning and design, construction and production, to local and international sales, Saccal has more than 80 Years of experience.

Choose Right - Choose Saccal

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