

TECHNICAL DATASHEET

AB-PL550S



ENGINE	
Engine brand	Perkins
Engine model	2506C-E15TAG2
Cylinders	6 in-line
Speed	1500 r.p.m.
Displacement	15.2 l
Air intake	Turbocharged and air-to-air charge cooled
Precision class	G2
Speed governor	Electronic
Fuel injection pump	Mechanical
Cooling	Water
Flywheel P.R.P. Power	451.0 kW
Flywheel Stand-by Power	495.0 kW
Bore	137 mm
Stroke	181 mm
Compression ratio	16:1
Fuel Cons. at 110% (L.T.P.)	114.0 l/h
Fuel Cons. at 100% (P.R.P)	106.0 l/h
Fuel Cons. at 75% (P.R.P.)	81.0 l/h
Fuel Cons. at 50% (P.R.P.)	55.0 l/h
Fuel Cons. at 25% (P.R.P.)	N/A
Total lubricating capacity	62.0 l
Engine Antifreeze capacity	58.0 l
Oil Specification	API CI4
Standard voltage	24vdc
Combustion airflow	Direct injection
FAN Diameter	N/A
Thermostat operation range	N/A
Maximum operation angle of engine (degrees)	N/A
Exhaust pipe diameter -recommended	N/A
Exhaust temperature (max)	N/A

MAIN DATA	Article No.:	000000
Continuous power (PRP)	500.0	(KVA)
Continuous power (PRP)	400.0	(KW)
Stand-by power (LTP)	550.0	(KVA)
Stand-by power (LTP)	440.0	(KW)
Voltage • Frequency • Power Factor	400/230 V •50Hz	• 0.8 cosφ
Sound press. (at 7m)	65	dB(A)

DIMENSIONS AND WEIGHT	
Width	1590 mm
Length	4820 mm
Height	2600 mm
Weight	5135 Kg

ALTERNATOR	
Alternator brand	Leroy – Somer
Alternator model	TAL-A473C
P.R.P. Power	500.0 kVA
L.T.P. Power	550.0 kVA
Connection	Series star
Phases	3P+N
Winding	12 terminals
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	Electronic
Precision	1.0 ± %

BASEFRAME	
Model	AB-400-500P
Standard tank	850 l
Optional tank	On request
Oversized tank*	On request

CONTROL PANEL	
Brand	DSE
model	DSE6120
Circuit breaker	4P

P.R.P. Prime Power-Continuous power at variable load:
The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer.

L.T.P. Limited-time running power-Limited power:
The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1.The number of hours per year is stated by the Manufacturer. Overload is not permitted.