

TECHNICAL DATASHEET

AB-PL440S



ENGINE	
Engine brand	Perkins
Engine model	2206A-E13TAG3
Cylinders	6 in-line
Speed	1500 r.p.m.
Displacement	12.5 l
Air intake	Turbocharged and air-to-air charge cooled
Precision class	G3
Combustion system	Direct injection
Fuel injection pump	Electronic
Cooling	Water
Flywheel P.R.P. Power	391.0 kW
Flywheel Stand-by Power	430.1 kW
Bore	130 mm
Stroke	157 mm
Compression ratio	16.3:1
Fuel Cons. at 110% (L.T.P.)	90.0 l/h
Fuel Cons. at 100% (P.R.P)	83.0 l/h
Fuel Cons. at 75% (P.R.P.)	60.0 l/h
Fuel Cons. at 50% (P.R.P.)	44.0 l/h
Fuel Cons. at 25% (P.R.P.)	N/A
Total lubricating capacity	40 l
Engine Antifreeze capacity	47 l
Oil Specification	API CH-4
Standard voltage	24 vdc
Combustion airflow	N/A
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)	400.0	(KVA)
Continuous power (PRP)	320.0	(KW)
Stand-by power (LTP)	440.0	(KVA)
Stand-by power (LTP)	352.0	(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	4800 Kg

ALTERNATOR	
Alternator brand	Leroy – Somer
Alternator model	TAL-A473A
P.R.P. Power	410.0 kVA
L.T.P. Power	450.0 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	650 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.