## **TECHNICAL DATASHEET DS 300 B**

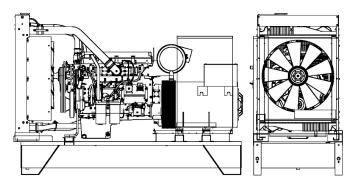


**DS 300 B** 





## **POWERFULL "B"**



MAIN DATA	
Continuous power (PRP)	353.00 kVA
Continuous power (PRP)	282.40 kW
Emergency power (E.P.)	389.00 kVA
Emergency power (E.P.)	<b>311.20</b> kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

## DIMENSIONS AND WEIGHT

For illustrative purposes only

## ENGINE

		i i
Description	HYUNDAI(DOOSAN)	
Engine model	DP086CE	
Cylinders	6	
RPM speed	1800	
Cubic capacity	7.53	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
BMEP	3130	kPa
Cooling	Water	
Flywheel P.R.P. Power net	298.5	kW
Flywheel E.P. Power net	328.5	kW
Fuel Cons. at 100% (E.P.)	68.9	l/h
Fuel Cons. at 100% (P.R.P)	62.3	l/h
Fuel Cons. at 75% (P.R.P.)	45.7	l/h
Fuel Cons. at 50% (P.R.P.)	30.9	l/h
Fuel Cons. at 25% (P.R.P.)	16.6	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	35.0	I
Engine Antifreeze capacity	18.0	1
Radiator type	TR	
Heat from radiator	112.0	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	663	°C
Portata Raffreddamento	0.0	m³/min
Combustion air flow	17.8	m³/min
Exhaust gas flow	53.7	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

ALTERNATOR			
Description	STAMFORD		
Alternator model	S4L1D-E		
P.R.P. Power	400.0	kVA	
E.P. Power	435.0	kVA	
Connection	Parallel star		
Phases	3FN		
Winding	311		
Terminal Number	12	nr.	
IP Protection	23		
Electronic regulator	AS440		
Precision	1.0	± %	
BASEFRAME			
Model	T3		
Standard tank	900	I	
Optional tank	0	I	
Oversized tank*	0	I	
CANOPY & SILENCER			
Canopy model	SENZA COFANO		
Silencer model	MS 30		
Silencer outlet diameter	140.0	mm	
Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0.850Kg/l. Sound power values refer to free field conditions: the installation site may influence the values.			

attributed by the source of the second secon

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

Visa S.p.A. s.u. is subject to management and coordination of IPG S.p.A., via dei Mercanti 12 - Milano Company registration Office n. 12616930967