

PROJECT: CSB BUILDING**Company:** PCAS**Address:** Unit 19V, 11 Victoria Rd, Ardwick le Street, Doncaster DN6 7AZ**Website:** <https://pcasltd.com/>**TECHNICAL SUBMISSION – STANDBY GENERATOR**

The generator installation at the above site comprises of 2no HIMOINSA generators within an acoustic enclosure and 1000 Litre Day tank. Bulk storage is taken from the sites existing storage tank. The generators shall be supplied and installed by PCAS.

Generator Basic Model containerised HTW-670 T5, with output breaker.

Genset Model:	HIMOINSA HTW-670 T5
Type:	Canopy set containerised
Engine Model:	MITUBISHI S6R2 PTA
Prime Power Rating:	670 kVA
Standby Power Rating:	738
Voltage:	400/230V
Power Factor:	0.8
Phase:	3 phase
Frequency:	50Hz, 1500rpm
Fuel Tank:	1000 Litres
Fuel Consumption:	136.4l/h@100% 104.34l/h@75% 74.56l/h@50% 44.1l/h@25%
Control Panel:	Comap IG-NTC-BB
Circuit Breaker:	Schneider MTZ 6.0 1000A (tbc)
Silencer:	Steel residential silencer -35db(A)attenuation
Baseframe:	Steel baseframe
Wiring:	to CE standards
Manuals:	HIMOINSA
Testing:	
Applicable standards:	

Genset Specification

STAMFORD

Alternator (4 Pole)

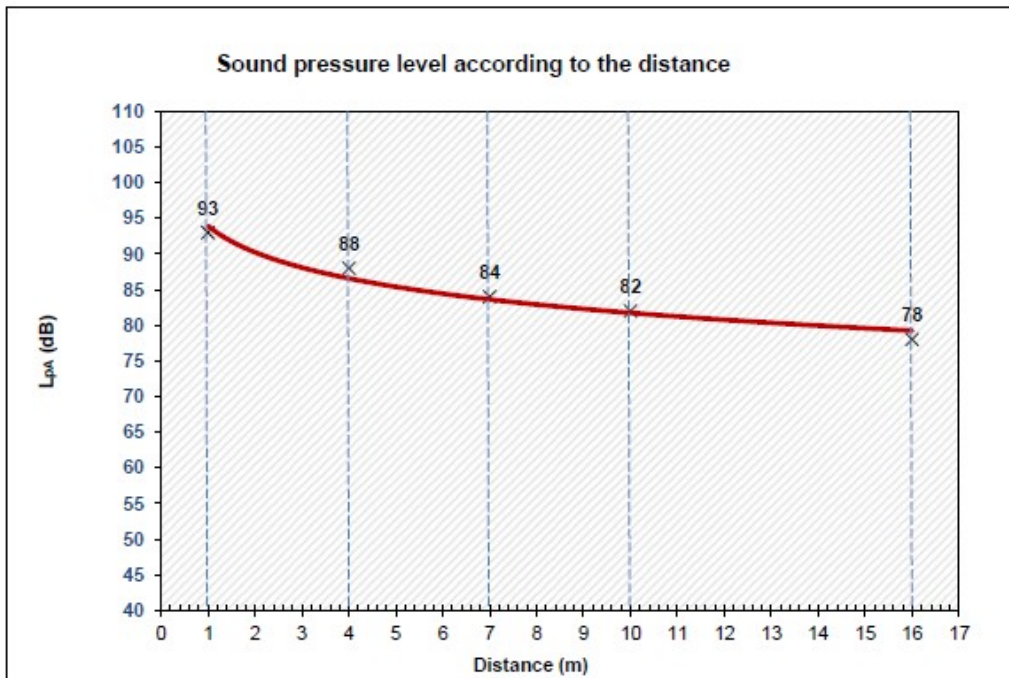
Acoustic Rating

Acoustic Container rated at 93 db at 1m

RESULTS

* LWA (dB)	111
Uncertainty	2,3

** Distance (m)	1	4	7	10	16
LpA (dB)	93	88	84	82	78



Sound pressure level according 2000/14/CE directive

* LWA: guaranteed power level.

** The distance in meters from the noise measurement is based on the parallelepiped method.

Review 03 02/2021

Approximate Dimensions (of container, excludes roof mounted exhaust)

Container: 5960mm(L) x 2.622mm(W) x 2856(H)

Control Module

Comap

KEY FEATURES

Load Step

Load acceptance 60%

Load Bank Connection Point

Yes

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Supporting Documentation

1. htw-670-t5
2. HTW-670-T5-[MITSUBISHI-S6R2-PTA]-[Standard-soundproofing-L]-[STAMFORD]-Filial-UK-[datasheet]-EN
3. 13228-SIS228XX-GF-DR-E-6004