



GENERATOR SET ENVIRONMENTAL CONDITIONS

CLIMATE & ENVIRONMENT

The rated output of a generator set is affected by climatic and environmental conditions.

The International standards are as follows:

Diesel Engines	:	BS5514 (ISO3046)
Alternators	:	BS4999 / 5000

AMBIENT CONDITIONS

The ambient conditions specified are as follows:

BS5514	:	Ambient air temperature	29°C
	:	Height above sea-level	152m
	:	Relative humidity	60%
BS5000	:	Ambient air temperature	40°C
	:	Height above sea-level	1000m

DERATING

For ambient conditions other than the above the output of the generator set may need to be de-rated.