

GENERATOR REQUIREMENT

UPS mode:

- Generator waveform THD: < 10%.
- Generator Vrms range: 180 ~ 270Vac
- Generator voltage crest factor(V_{peak}/V_{rms}): < 1.6
- Generator peak voltage: <380V
- Frequency range: 45Hz ~ 63Hz
- Frequency slew rate: <0.3Hz/sec

Appliance mode:

- Generator waveform THD: < 30%.
- If square wave output generator, output duty should greater than 60%
- Generator Vrms range: 100 ~ 270Vac
- Generator voltage crest factor(V_{peak}/V_{rms}): < 1.6
- Generator peak voltage: <380V
- Generator frequency range: 45Hz ~ 63Hz
- Generator frequency slew rate: < 0.3Hz/sec

NOTE: Inverter-type generators are strongly recommended as they have cleaner output than conventional generators. If waveform, voltage, or frequency output of the generator is not of suitable quality, then it will be rejected by the inverter.