

## 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-generators are recommended due to its cleaner output than conventional generators. If waveform, voltage, or frequency output of the generator is not of desirable quality, then it will be rejected by the inverter.