**Rectifier Three-Phase Diode Losses:**

Conduction losses,

@25°C

Due to lack of data on datasheet, we could not calculate switching losses. (trr is not given). Also, we could not calculate temperature increase of diode since there is only value on datasheet.

**Buck Converter Diode Losses:**

Conduction losses,

@25°C

Switching loss,

@25°C

@125°C

For temperature increase of diode,