

#### Capacitor Value

210  $\mu\text{F}$

#### Initial Charge Voltage

588 V

#### Safety Threshold Voltage

60 V

Solve for Time

Solve for Resistance

#### Resistance Value

8000  $\Omega$

#### Safe Voltage Achieved by

= 3.83440241 s

#### Initial Power Across the Resistor

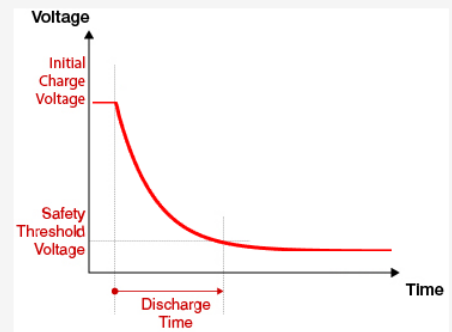
= 43.218 W

#### Time Constant

= 1.68 s

#### Energy Discharged to Zero Volts

= 36.30312 J



Reviewer:

Author: Marco W. Santoro

Sheet:

File: main.kicad\_sch

Title: Discharge

Size: A4

Date:

KiCad E.D.A. kicad 7.0.10

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