

P_{\max} = Maximum power
 R_{int} = Internal Resistance
 \mathcal{E} = E.M.F. of the battery

From P-R graph

$$R_{\text{int}} = \frac{\quad}{\quad} \Omega$$

$$P_{\max} = \frac{\quad}{\quad} \text{W}$$

From V-I Graph

$$\text{Slope} = \frac{\quad}{\quad} \Omega$$

$$\mathcal{E} = \frac{\quad}{\quad} \text{V}$$

$$R_{\text{int}} = |\text{slope}| \frac{\quad}{\quad} \Omega$$

