

ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

Θέμα 4^ο

4.1

$$N_{\varepsilon\lambda\sigma} = N + N_{\alpha\pi} \rightarrow N_{\varepsilon\lambda\sigma} = 8KW + 2KW \rightarrow N_{\varepsilon\lambda\sigma} = 10KW$$

4.2

$$\eta = \frac{N}{N_{\varepsilon\lambda\sigma}} \rightarrow \eta = \frac{8KW}{10KW} \rightarrow \eta = 0,8 \text{ ή } 80\%$$

4.3

$$N = \frac{U * I}{1000} \rightarrow I = \frac{N * 1000}{U} \rightarrow I = \frac{8 * 1000}{200} \rightarrow I = \frac{8000}{200} = 40A$$