

ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

Θέμα 4°

4.1

$$N_{\varepsilon\lambda\sigma} = N + N_{\alpha\pi} \rightarrow N_{\varepsilon\lambda\sigma} = 9KW + 3KW \rightarrow N_{\varepsilon\lambda\sigma} = 12KW$$

4.2

$$\eta = \frac{N}{N_{\varepsilon\lambda\sigma}} \rightarrow \eta = \frac{9KW}{12KW} \rightarrow \eta = 0,75 \text{ ή } 75\%$$

4.3

$$N = \frac{U * I}{1000} \rightarrow U = \frac{N * 1000}{I} \rightarrow U = \frac{9 * 1000}{10} \rightarrow U = \frac{9000}{10} = 900V$$