

Product Name :
Complete Training System For Inverters

Product Code :
CE875



Description :

Complete Training System For Inverters

Technical Specification :

Complete Training System For Inverters

Complete system for inverters training. The experiments are carried out using a computed based interface (CBT) together with modules in panel frames. Topics:

Control of average values for voltage and current using PWM - Measurement of voltage and current over time when $V_I = 30\text{ V}$

Measurement of voltage and current over time when $V_I = 115\text{ V}$

Measurement of efficiency and voltage stability Asymmetric half-bridge forward converter

Control of average values for voltage and current using PWM

Time characteristic when $v = 0.75$

Time characteristic when $v = 0.50$

Time characteristic with duty cycle switch-over

Time characteristic for sinusoidal inverter

Inverter with $V_I = 115\text{ V}$

Inverter with $V_I = 115\text{ V}$, $f = 5\text{ kHz}$

The system come with full experimental guide, with many tasks to be executed both in printed version and with a virtual environment (software do manage manuals). Pdf files only will connecting leads with 2.5 mm² cable, current rating 32 A, consisting of:

2 each safety connecting lead, red 100 cm

2 each safety connecting lead, blue 100 cm

2 each safety connecting lead, red 50 cm

2 each safety connecting lead, blue 50 cm
2 each safety connecting lead, red 25 cm
2 each safety connecting lead, blue 25 cm
4 each safety connecting lead, black 100 cm
6 each safety connecting lead, black 50 cm
6 each safety connecting lead, black 25 cm
4 each safety connecting lead, black 10 cm
1 Safety connecting lead 32 A, yellow/green, set of 10 4-mm safety connecting leads with 2.5 mm² cable, current rating 32 A, consisting of:
4 each safety connecting lead,yel/grn 100 cm
4 each safety connecting lead,yel/grn 50 cm
2 each safety connecting lead,yel/grn 25 cm

Naugralabequipments

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