



782-1228 NEOBE® POWER SUPPLY

TOMAR model 782-1228 NEOBE® power supply features NEOBE® technology which produces the look of neon and the intensity of strobe lighting, combined into one lamp that appears to burn continuously rather than flash. TOMAR's model 782-1228 NEOBE® power supply is designed to operate two remote strobe heads in a multiple flash alternating pattern. The unit features weather proof design and high-low intensity, selected manually by a remote switch or automatically by remote mounted photocell. The 782-1228 operates on 12-28VDC, features polarity protection diode, and contains RFI filters for both high and low band. The TOMAR NEOBE® power supply features a revolutionary strobe circuit that extends the dwell time (on time) of the strobe as well as increasing the life of the strobe lamp by approximately 50%. Any TOMAR remote strobe lighthouse will operate with the model 782-1228 power supply. The power supply is constructed with a glass filled Lexan® case and polyurethane potting.

Ordering Information

Model No.	Description
782-1228	2 output NEOBE® multiple flash power supply, dual intensity, 12-28VDC
782-1228-WP	(Same as above except with Waterproof connectors)

Power Requirements:

2.6 A avg. @14.4VDC, 1.5 A avg. @ 25.6VDC

Output Power Rating:

30 Watts minimum in High Intensity
NEOBE Flash Rate, 2 Lamps Running

Flash Rate:

60 MFPM/Head-NEOBE rate minimum
100 MFPM/Head-HYPER-NEOBE rate minimum

Flash Pattern:

5 equal power flashes per burst

Control Features:

On-Off and all features are controlled by switching positive, low current battery voltage. The main battery power may be left connected to the supply at all times. Current draw is less than 100 microamps in standby.

Size:

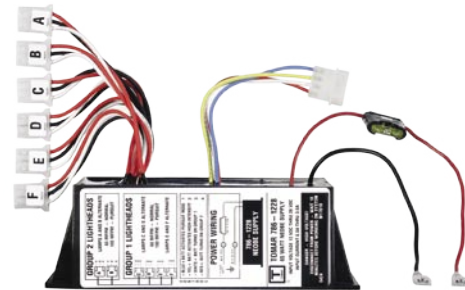
7.125"(181mm) x 3.75"(95mm) x 1.75" (44mm)

Weight:

2.5lbs (1.12kg.)

Warranty:

Ten year warranty



786-1228 NEOBE® POWER SUPPLY

The model 786 NEOBE® power supply is designed to alternately flash two groups of remote strobe heads in either hi or low intensity. The 786 is controlled manually by 3 customer provided SPST low current switches which select high-low intensity, lamp group 1 on-off control, and lamp group 2 on-off control. All functions may be wired to allow control by a single low current switch if desired. The 786-1228 operates on 12-28VDC and is fully potted making it vibration and water resistant. It also features polarity protection, heavy duty precision circuitry, and RFI filters to protect against radio interference. The power supply is constructed with a glass filled Lexan® case and polyurethane potting.

Ordering Information

Model No.	Description
786-1228	6 output NEOBE® power supply with head cut-out circuitry, and intensity control, 12-28VDC
786-1228-WP	(Same as above except with Waterproof connectors)

Power Requirements:

6.0 A avg. @14.4VDC, 3.0 A avg. @ 25.6VDC

Output Power Rating:

65 Watts minimum in High Intensity
NEOBE Flash Rate, 2 Lamps Running

Flash Rate:

60 MFPM/Head-NEOBE rate minimum

Flash Pattern:

5 equal power flashes per burst

Control Features:

On-Off and all features are controlled by switching positive, low current battery voltage. The main battery power may be left connected to the supply at all times. Current draw is less than 100 microamps in standby.

Size:

7.125"(181mm) x 3.75"(95mm) x 2.50" (64mm)

Weight:

3.5lbs (1.56kg.)

Warranty:

Ten year warranty