



**essex ELECTRO
ENGINEERS, INC.**

2015 Mitchell Blvd Schaumburg, IL 60193

Phone: 847-891-4444

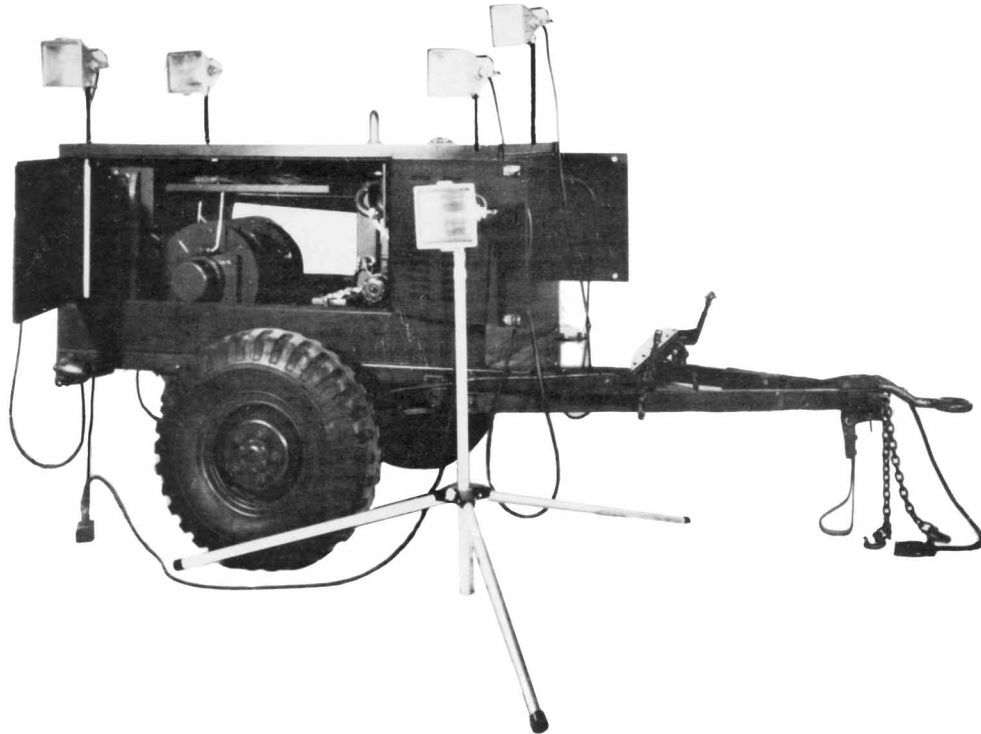
Fax: 847-891-9111

Web: essexelectro.com

**TECHNICAL DATA SHEET
PORTABLE FLOODLIGHT SET
MODEL NO. A265**

COGNIZANT SERVICE: U.S.A.F.

NATIONAL STOCK NUMBER:



OVERALL DIMENSIONS AND WEIGHT:

Height: 63-1/2 Inches

Length: 147 Inches

Width: 72 Inches

Weight (Dry): 2,600 Lbs.

FUNCTIONAL DESCRIPTION:

The Essex Electro Engineers, Inc. Model A265 is a portable Floodlight Set designed for lighting remote locations where electrical power is not readily available. The unit is capable of supplying 6.25 KVA at 0.8 p.f., 120/208 Volt, 3 phase, 4 wire, 60 cycle power.

The unit is designed to operate in the rain, at 10 degree inclines and under temperature conditions ranging from 65°F (-55°C) to +125°F (+50°C). The unit is a self contained, mobile floodlight set enclosed in a weather resistant cabinet, mounted on a trailer. The trailer is equipped with hand operated brakes, lunette towing eye and a jack stand. Doors are provided to permit access to

all parts within the cabinet. Electricity for the unit is provided by a 6.25 KVA generator powered by a 12 HP, two cylinder diesel engine.

All the controls and instruments, including those for the engine, are mounted on a single control panel located in the rear of the unit. All instruments, switches and controls are individually identified.

The unit is supplied with eight floodlights, four telescoping corner poles, four portable telescoping tripods two cable reels and two extension cords.



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PAGE 2 OF 2**

TECHNICAL DESCRIPTION:

POWER OUTPUT 6.25 KVA at 0.8 Power Factor, 120/208 Volt, 3 Phase

TRAILER AND CABINET

Construction Welded steel
Wheels (2) Pneumatic tires, 9.00 X 16
Brakes Hand operated, expanding shoe type
Towing Facilities 3 inch i.d. lunette eye
Towing Speeds 50 mph on improved roads
15 mph on unimproved roads

OPERATING CAPABILITIES:

Ambient Temperatures -65°F (-55°C) to +125°F (+50°C)
(Operation below -30°F (-25°C) requires external heat)
Humidity 100%
Altitude 0 to 6000 feet
Deflection 10 degrees

FLOODLIGHTS Eight each, 500 Watt, 120 Volt, quartz iodine

CABLE REELS Two each, spring return, 100 feet capacity

CORNER POLES Four each, telescoping to 13 feet high, one on each corner of the housing

TRIPODS Four each, portable, telescoping to 13 feet high

EXTENSION CORDS Two each, 100 feet long with plug and receptacle

ELECTRICAL SYSTEM:

DC Two each, 12 volt storage batteries
AC 6.25 KVA, 0.8 p.f., 120/208 volt, 3 phase, 60 cycle, 1800 rpm
brushless generator

POWER SUPPLY:

Diesel Engine Two cylinder, four cycle
Fuel DF-1 and DF-2
Fuel tank capacity 10 gallons

CONTROLS

AND INSTRUMENTATION Panel mounted, identified by nameplates