

Portable Airfield Lighting System AH-PALS



















AH-PA-EMC Portable Airfield Lighting System is specially used on permanent airport/heliport where cable power is not convenient or temporary helipad, especially for medivac and other emergency situations.

Highly portable and easy to install the portable landing zone kit provides temporary illumination of any military or civilian helicopter landing surface or airfield.

Compliance

- ICAO Annex 14 Volume | Heliports 5.3.
- FAA AC NO. 150/5354-50B

Features

Electrical

- Ultra High intensity LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light
- The LED light source guarantees high performance illumination hight-performance illuminateion. Compatible Night Vision Goggles (NVG) are optional for "covert" operations with infrared (IR) emission.
- The light unites are available with aeronautical colors and infrared (IR) lights. The basic airfield / helicopter landing zone function include: perimeter (green), threshold (green), runway end (red), runway (white), approach (white) lights.

Physical

- The system is self-contained in a easy to transport ruggedized suitcase(with wheels and handle) that includes a set of light units and other equipments to support the landing.
- Portable lights are supplied by rechargeable batteries and an "drop in" charger in suitcase. The batteries are recharged by simply inserting the lights into their slot and connecting the external power to the suitcase.

System design

- ON/OFF button located beside base
- LCD screen on front panel for battery status

Optional

- ground to ground" wireless remote controller allows to manage the system from remote
- Solar charging system

Application

- Airport, Touchdown and Lift- off area (TLOF), Final Approach and Take- off area (FATO), Taxiway lighting, Runway edge lighting, Portable or expedited airfield lighting, Threshold lighting
- Helipad taxiway
- Emergency operations











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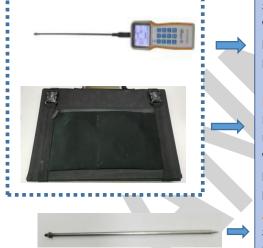
Portable Airfield Lighting AH-PALS System

AH-PALS









Light Unit Light Source Available Colors Flash Characteristics **Operation Mode** LED Life Experience (hours) Overall Size (mm) Weight (kg)

SPECIFICATIONS

Rechargable Battery Autonomy (hours) Waterproof

Weight (kg) Battery charging input **Wireless Remote Control**

Overall Size (mm)

Size (mm) Weight (kg) Remote control **Power Supply**

Frequency

Folded sizes (mm) Unfolded sizes (W*L) Weight (kg) Nominal system voltage

Anchoring Stakes Size (mm)

ultra high intensity LED

Red, Green, Yellow, White, Blue, IR Steady(Flashing mode is optional) 24hours working after switched ON

Portable Airfield Lighting System

>100,000 $170 \times 132 \times 112$ 2.4

Lithium ion battery, 12V/16AH 60hours

IP67

800*600*360 (12pcs lights in)

50kg(lights, solar panel, battery charger included)

110-240VAC

433MHZ

83*30*550 (antenna included)

ON/OFF, flashing rate, emergency mode 3.7VDC for battery recharge by 90-230 VAC

Battery charger

Foldable Solar Panel

410*300*30 1440*410 3.1kg 18V Nominal rated power 120W

31mm

Material Stainless Steel

0.06 Weight (kg)

SYSTEM CONFIGURATION





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