

Industrial Flashlight For Use in Hazardous Locations

USER MANUAL

V 2.0

English

Important:

READ THESE INSTRUCTIONS BEFORE USE AND MAINTAIN THE FLASHLIGHT FOR REFERENCE.

1. Instruction:

Thank you for choosing DS-1 as your best selection with the highest standards and certifications approved.

2. Product:

DS-1 Industrial Flashlight
For Use in Hazardous Locations

3. Battery:

4 x AA ALKALINE batteries
Batteries type: ENERGIZER E91
DURACELL MN1500
RAYOVAC 815
ANSMANN 5015548
ANSMANN 1502-0002

4. Certifications:



UL USA : UL FILE NO.: OERX.E324236
Class I Div 1&2 Grp ABCD
Class II Div 1&2 Grp EFG
Class III Temp Code: T4



IECEX Worldwide : IECEX CERTIFICATE NO.:
IECEX UL13.0060X
Ex ia IIC T4 G4



Ex Europe : ATEX CERTIFICATE NO.:
DEMKO 13 ATEX 1205039X
II 1G Ex ia IIC T4



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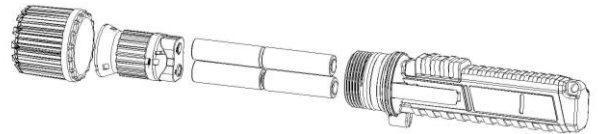
UL 913, Seventh Edition
CSA C22.2 No.157-92, Reaffirmed 2013
EN 60079-0 : 2009
EN 60079-11 : 2012
EN 60079-26 : 2007
IEC 60079-0: Fifth Edition
IEC 60079-11: Sixth Edition
IEC 60079-26: Second Edition

DAY SUN TECHNOLOGY LTD.
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5. Features:

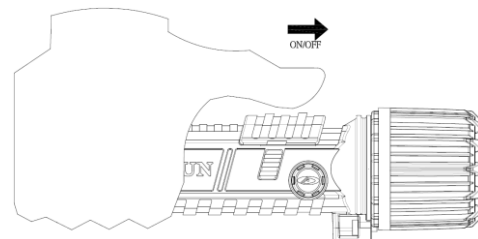
- Intrinsically safe for use in hazardous locations
- Multiple functions: High / Low / Flash
- Cree LED
- IP67
- Double O-ring
- Tough and durable casing
- High Impact LENS
- Non-Slip Handle
- High-Visibility yellow colour body
- Safety Lock

6. Installation:



7. Operation:

Lighting by pushing the switch of DS-1, by turning it on for 3 multiple functions of Full lighting/Half lighting/Flashing and turn it off as well. This switch is operated by magnetism.



8. Change of batteries:

Warning – Replace batteries only in non hazardous areas. Please unscrew the front cap, please do not directly touch inside heat sink set, it might be a bit hot after long time using, remove the cap, remove the reflector with LED inserted, avoiding touching inside surface of reflector, it might affect the performance of lighting. Always using proper batteries to go with DS-1, do not mixed brand using. Always replace all batteries at the same time, filling new batteries in corresponding to (+) positive and (-) negative mark sticker inside of battery case by two rules to batteries:

- a. Use only battery type of Energizer E91 or Duracell MN1500 or Rayovac 815 or Ansmann 5015548 or Ansmann 1502-0002.
- b. To reduce the risk of explosion do not mix new batteries, or mix batteries from different manufacturers or from different types.

Warning: The screw should be secured tightly after replacing the batteries.

Install the batteries in the correct assembly. When re-insert reflector set, with smart design, please gently insert it, it could slowly slide into groove and fit it well, please do not over-force on it. Closing the flashlight by screwing the cap right to end of the screw thread. And with long period of time without using the flashlight, batteries should be removed out for avoiding battery leaking which may cause damage to flashlight's life.

9. Safety warning:

Clean flashlight only with damp cloth to avoid static electricity. Do not flash the light beam directly to human's eyes, it may cause temporarily dizzy, please leave away, and close your eyes immediately when light beam moves toward to your eyes directly. Always use this flashlight by following regular and legal rules governed by industrial control and management authority from every country.

Warning – Substitution of components may impair intrinsic safety.

SÉCURITÉ INTRINSÈQUE

- a. AVERTISSEMENT : LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SÉCURITÉ INTRINSÈQUE.
- b. AVERTISSEMENT : AFIN DE PRÉVENIR L'INFLAMMATION D'ATMOSPHÈRES DANGEREUSES, NE CHANGER LES BATTERIES QUE DANS DES EMPLACEMENTS DÉSIGNÉS NON DANGEREUX.