

Technical Description



Standard 2000 cd SPOL systems

Single LED Obstruction Light powered by Solar Power (PV) system

All components mounted on a 75mm pole (for other pole sizes please specify diameter)



- Lamp type:** MI-IF-024-V
- Lamp specification:** Obstacle light, ICAO medium intensity, FAA medium intensity, 2000 cd
- Lamp colour:** Red
- Operation time:** Hours of darkness (sunset to sunrise + 1 hour for dusk and dawn)
- Operating mode:** 150ms flash, 20 flashes per minute when on (5% duty cycle)
- System voltage:** 24 Volts
- Charge controller:** Naps MMini Pro OL
- Lamp controller:** Naps MMini Pro OL

Standard Systems include all needed parts as follows:

Light, Light pole mount, Cable cabinet to lamp (30m), PV Module, Module pole mount, Cable module to cabinet, Cabinet containing Battery, Controller and MCBs etc, Cabinet pole mount

System specifications

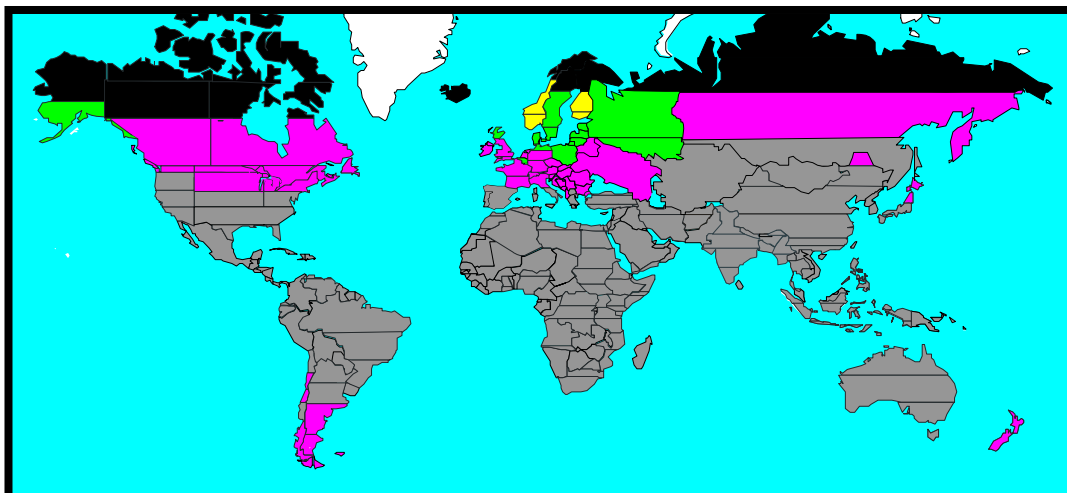
| map colour | climate | light cd | module Wp | nominal battery Ah | battery type | system name |
|------------|---------|----------|-----------|--------------------|--------------|---------------------------------------|
| Grey | Hot | 2000 | 2x11 | 17 | gel | SPOL-N5%-2000cd-Hot-2x11W-17Ah/24V |
| | Cold | 2000 | 2x11 | 24 | AGM | SPOL-N5%-2000cd-Cold-2x11W-24Ah/24V |
| Magenta | Hot | 2000 | 2x33 | 40 | gel | SPOL-N5%-2000cd-Hot-2x33W-40Ah/24V |
| | Cold | 2000 | 2x33 | 55 | AGM | SPOL-N5%-2000cd-Cold-2x33W-55Ah/24V |
| Green | Cold | 2000 | 2x65 | 75 | AGM | SPOL-N5%-2000cd-Cold-2x65W-75Ah/24V |
| Yellow | Cold | 2000 | 2x125 | 135 | AGM | SPOL-N5%-2000cd-Cold-2x125W-135Ah/24V |

Main components

| system name | module (qty 2) | battery quantity | battery type | battery cabinet (IP66) |
|---------------------------------------|----------------|------------------|--------------|------------------------------------|
| SPOL-N5%-2000cd-Hot-2x11W-17Ah/24V | NP11RGFV | 2 | 12TLG20 | Polyester 515 x 415 x 230 mm |
| SPOL-N5%-2000cd-Cold-2x11W-24Ah/24V | NP11RGFV | 2 | NPL12-24 | Polyester 515 x 415 x 230 mm |
| SPOL-N5%-2000cd-Hot-2x33W-40Ah/24V | NP33GK | 2 | A512/40A | Stainless steel 800 x 400 x 320 mm |
| SPOL-N5%-2000cd-Cold-2x33W-55Ah/24V | NP33GK | 2 | 12FLB200 | Stainless steel 800 x 400 x 320 mm |
| SPOL-N5%-2000cd-Cold-2x65W-75Ah/24V | NP65GK | 2 | 12FLB300 | Stainless steel 800 x 400 x 320 mm |
| SPOL-N5%-2000cd-Cold-2x125W-135Ah/24V | NP125GK | 2 | 12FLB500 | Stainless steel 800 x 400 x 320 mm |

NP130GK module (130Wp) may be supplied instead of NP125GK

We reserve the right to supply other battery types of at least equivalent specification



map shows PV module rating for average site in marked areas

| enquire | colour |
|-----------|---------|
| 2 x 130Wp | Black |
| 2 x 125Wp | Red |
| 2 x 65Wp | Yellow |
| 2 x 33Wp | Green |
| 2 x 11Wp | Magenta |

always confirm sizing with Naps before ordering

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Specifications may change without notice due to Naps continuous product improvement policy.

Please check actual specifications before ordering.

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