

## Technical Description



### Standard 10 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:** LI-10-DCW-N

**Lamp specification:** Obstacle light, ICAO low intensity type A, 10 cd

**Lamp colour:** Red

**Operation time:** Hours of darkness (sunset to sunrise + 1 hour for dusk and dawn)

**Operating mode:** Continuous when on

**System voltage:** 12 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

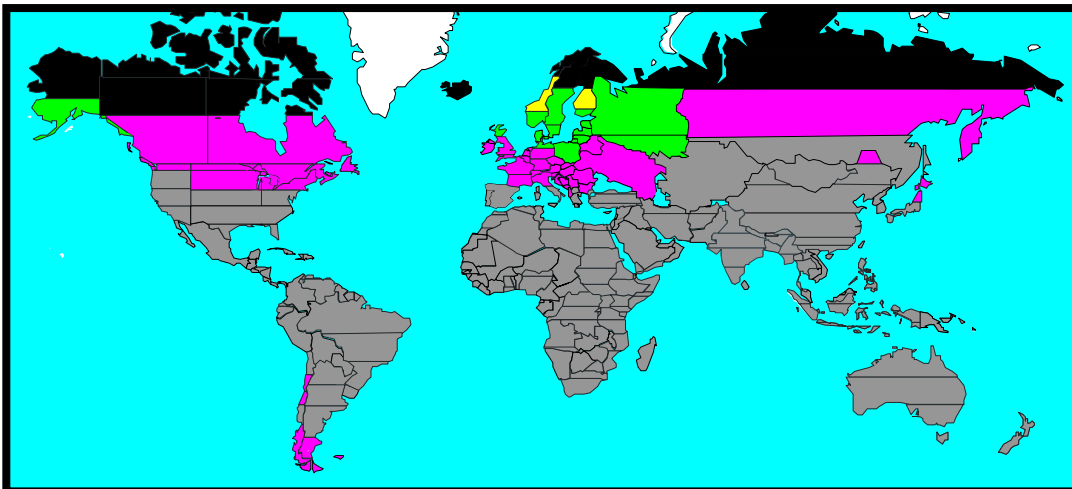
map colour	climate	light cd	module Wp	nominal battery Ah	battery type	system name
Grey	Hot	10	11	17	gel	SPOL-NC-10cd-Hot-11W-17Ah
	Cold	10	11	14	AGM	SPOL-NC-10cd-Cold-11W-14Ah
Magenta	Hot	10	33	34	gel	SPOL-NC-10cd-Hot-33W-34Ah
	Cold	10	33	48	AGM	SPOL-NC-10cd-Cold-33W-48Ah
Green	Cold	10	65	75	AGM	SPOL-NC-10cd-Cold-65W-75Ah
Yellow	Cold	10	125	135	AGM	SPOL-NC-10cd-Cold-125W-135Ah

### Main components

system name	module	battery quantity	battery type	battery cabinet (IP66)
SPOL-NC-10cd-Hot-11W-17Ah	NP11RGFV	1	12TLG20	aluminium 315 x 260 x 111 mm
SPOL-NC-10cd-Cold-11W-14Ah	NP11RGFV	2	NP7-12	aluminium 315 x 260 x 111 mm
SPOL-NC-10cd-Hot-33W-34Ah	NP33GK	2	12TLG20	Polyester 515 x 415 x 230 mm
SPOL-NC-10cd-Cold-33W-48Ah	NP33GK	2	NPL24-12	Polyester 515 x 415 x 230 mm
SPOL-NC-10cd-Cold-65W-75Ah	NP65GK	1	12FLB300	Polyester 515 x 415 x 230 mm
SPOL-NC-10cd-Cold-125W-135Ah	NP125GK	1	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
130Wp	Black
125Wp	Yellow
65Wp	Green
33Wp	Magenta
11Wp	Grey

always confirm sizing with Naps before ordering

Naps Systems Oy | Pakkalankuja 7A FIN-01510 Vantaa Finland

| tel. +358 20 7545 666 | fax +358 20 7545 660 | web [www.napssystem.com](http://www.napssystem.com)

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

Please check actual specifications before ordering.

Information last updated: 12th March 2008