

**Model • Modelo • Modèle**  
**EG40/EG80/EG145/EG320/**  
**EG340/EG500**



## EG-Series Maintenance Schedule

	ANNUAL	3 YEAR	5 YEAR
SYSTEM	Periodic inspection to ensure lights function normally (off during day, on during night). EMS should show correct healthy indicator status.		
SOLAR PANELS	Ensure solar panels are clean and free of dirt and contamination		
LUMINAIRE			
*BATTERIES		*Check batteries for health	*Check batteries for replacement
EMS			

### Notes:

**Solar panel cleaning:** with water (hose, light pressure, no pressure washers), or with non-abrasive wiper

**Luminaire cleaning:** with water (hose, light pressure, no pressure washers)

**Batteries:** measure battery voltage after being charged through the day, ensure several good days of sun. batteries should be within their proper range

\*EG40: Check batteries for replacement every 3 years. 5-year battery life upgrade available.

### \*\*Environmental Considerations:

**High sand/dirt/contamination environment:** solar panels should be inspected more frequently per the chart to avoid dirt/debris build-up on the solar panels

**Hurricane/High Wind Regions:** for systems properly deployed to a high wind zone, inspect system after a high wind event (see below) for mechanical integrity and operation:

EG40/80/145 = 150mph (note: use of 45-degree mount adaptor: 90mph)

EG320/340/500 = 130mph (note: use of 45-degree mount adaptor: 90mph)

10 YEAR	15 YEAR	20 YEAR	SPECIAL
General system inspection for unusual fatigue or aggressive wearing.		Inspect mechanical integrity and galvanizing, replace as necessary	After a high-wind event, inspect systems for mechanical integrity and proper functioning.
		Check power output, ensure <10% power drop, replace as necessary	
Ensure light output is compliant to requirements, replace as necessary			
*Check batteries for replacement	*Check batteries for replacement	*Check batteries for replacement	
Ensure proper operation, replace if necessary		Ensure proper operation, replace if necessary	



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