

# Solar Aeration - Land Series LPHF (Linear)

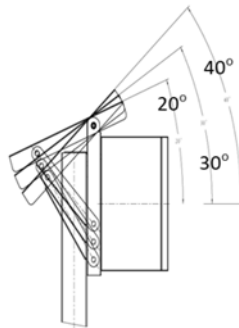


Our **low-voltage & battery free** solar aeration is **designed and quality controlled in US**. It is **compatible** for any **>= 140W** solar panel. **Above industry warranty\***.



## HIGHLIGHTS

- Breakthrough Innovation -- **US patent 16381587** pending
- Customer Safety – Off grid, **Low voltage** and **battery free**
- **High Efficiency** -- Advanced **MPPT** and motor control technology **integrated PCB**
- **Long life** and **low energy consumption** – **Linear motor**
- **Accurate and Reliable** -- **Digital** self diagnose and overpressure protection with **LED indicator**
- Protected Electronic for rough conditions -- Potted PWA inside enclosure for **IP65 rating**
- Rust protection -- Powder coated metal enclosure, aluminum frame, and **Stainless Steel** fasteners
- Adaptable -- **Easy adjustable** panel angle to maximize solar power
- Flexible – Works with **ANY** brand (**> 140W**) solar panel
- Quiet -- **External sound reduction** and **filtration (<50dBA)**
- Easy installation and elevated protection -- Compact and **light weight (<25 lbs)** enclosure for **pole top** mounting



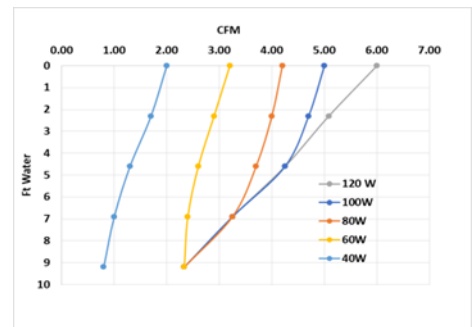
### \*Specifications

Surface Acres	< 5
Water Depth	< 8 ft
Operating temperature	0° to 50°C
Compressor type	Linear Diaphragm
Compressor warranty	3 year moving part
Other parts warranty	5 year diffuser, air hose and electronic. 15 year solar panel, frame and enclosure

### Included:

- One 200 W solar panel
- Four 100 ft. self sink air hoses
- Four diffusers

### Flow vs water depth with different power



### Customer requirements:

- Mounting pole (>=2 inch) from local store
- Other pole installation material/equipment



LWE Solar  
- Division of LW Engineering

LW Engineering, Houston, TX  
Phone: 281-7252842 Email: info@lwesolar.com  
www.Lwesolar.com