

# **We make reliable offshore power this easy.**

**Solar power systems  
for offshore production platforms.**



**Pharos Marine**  
**Automatic Power**



Our solar  
power systems  
are custom-  
engineered for  
automated  
production  
platforms in a  
turnkey process  
that assures  
dependability.

#### **The value of dealing with a single solar source**

Our turnkey approach to your solar project provides a totally integrated process that begins with an analysis of your needs and continues through drafting, manufacturing, documentation, installation, and beyond. Because this process results in a complete system from a single source, you're assured of dependable performance.

#### **Building on years of engineering experience**

With more than 30 years of experience designing 30,000 stand-alone solar systems to power our foghorns, racons and obstruction lights, we understand the reliability issues that are critical to automation of entire offshore platforms. Our designers build in reasonable array-sizing factors and select battery systems that meet your needs.

We are engineers, so we welcome the challenge of customizing solar arrays for your situation. Our team is familiar with all the ancillary breakers, boxes, cabling and glands necessary to comply with IEC Zone 1 or Zone 2, and NEC Class 1 Division 2 Hazardous Area requirements. For example, our Zone 1 EEX "e" battery box with an ingress protection rating of IP-56 was designed to be installed in a hazardous outdoor area.





## Convenient manufacturing location

At the center of the offshore industry, our Texas Gulf Coast location is convenient for frequent inspections as your project builds. That's all the more reason to work with the one source you need to power up your platform.

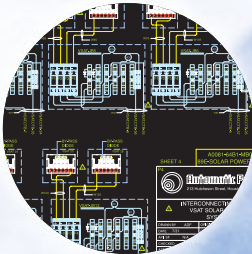
## Only Automatic Power offers:

- Engineering specialists in offshore applications, with 30 years of experience in production platforms and solar panel systems
- Complete turnkey design, manufacture, and installation
- Single source responsibility for reliable performance
- Solar systems designed specifically for individual unmanned platforms or networks of platforms
- Full compliance with safety standards for explosive environments
- Marine insurance for offshore activities
- Complete system documentation

*Working with your engineers, our design experts plan your solar project from inception.*



*System components are manufactured and assembled in our Houston facility.*



*Full documentation is provided as both hard copy and electronic files.*



*Installed on your production platforms, our industrial grade solar systems provide reliable power and performance.*



### Offshore Solar Panel Systems

We engineer and manufacture solar panel systems to power a range of offshore unmanned applications:

#### Unmanned Platforms

- Production
- Wellhead
- Gathering

#### Aids to Navigation

- Signal Lights
- Fog Horns
- Racons
- Aviation Obstruction Lights
- Helideck Lights

#### Potential Applications

- Data Collection
- Floating Data Collection
- Telemetry and Communications
- Fire and Gas Detection
- Metering and Gauging
- Accommodation Services



### USA

#### Automatic Power, Inc.

P.O. Box 230738  
213 Hutcheson Street (77003)  
Houston, Texas 77223-0738  
+1-713-228-5208 PHONE  
+1-713-228-3717 FAX  
[www.automaticpower.com](http://www.automaticpower.com) WEB  
[sales@automaticpower.com](mailto:sales@automaticpower.com) EMAIL

#### Automatic Power, Inc.

P.O. Box 414  
1340 Westbank Expressway (70094)  
Westwego, Louisiana 70096  
+1-504-347-2384 PHONE  
+1-504-348-2306 FAX  
[dcummiskey@automaticpower.com](mailto:dcummiskey@automaticpower.com) EMAIL

### UNITED KINGDOM

#### AB Pharos Marine Ltd.

Steyning Way, Hounslow  
Middlesex, TW4 6DL  
ENGLAND  
+44-20-8538-1100 PHONE  
+44-20-8577-4170 FAX  
[sales@pharosmarine.com](mailto:sales@pharosmarine.com) EMAIL

### SINGAPORE

#### AB Pharos Marine Pte. Ltd.

35 Tannery Road  
#05-05 Tannery Block  
Ruby Industrial Complex  
Singapore 347740  
+65 6747-9325 PHONE  
+65 6746-0478 FAX  
[abpharos@singnet.com.sg](mailto:abpharos@singnet.com.sg) EMAIL