



EPOD

Cost effective remote power generation and instrument air for your multi well site

Reduce Your Emissions

EPOD is a proprietary solar-hybrid remote power generation and instrument air system designed to eliminate fuel gas pneumatics. By integrating the shop built features of the EPOD in your site design, most new multi-well pads will see reduced capital and operating costs.



Reliable Power Generation

Because you can't afford to go down, EPOD's solar-hybrid with UPS system provides unmatched reliability.



Reduce CAPEX & OPEX

Integrate your e-house, UPS and power to reduce capital and operating costs versus most current designs.



Operator Friendly

Ultra low maintenance with remote monitoring and locally serviceable parts.

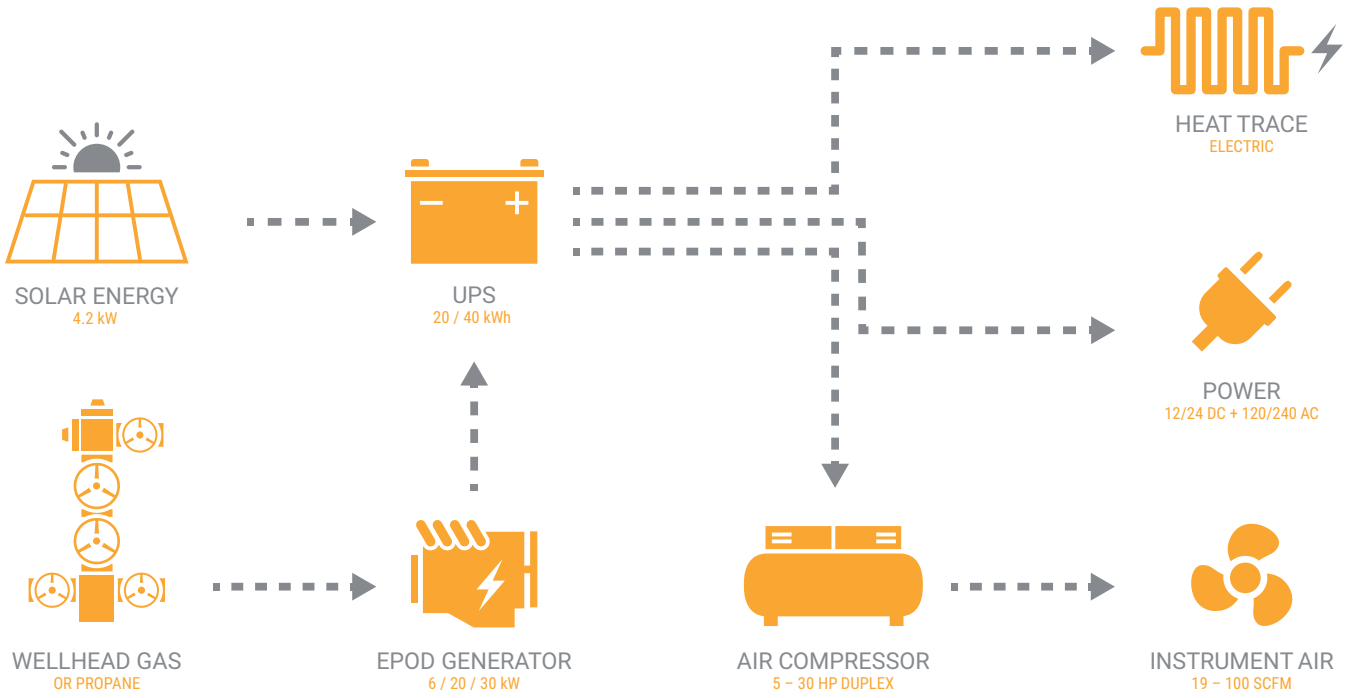


Reduced GHG Emissions

The EPOD's solar-hybrid system produces up to 75% less CO2e than Stirling engine technologies.



Power on demand. Ultimate reliability.



| Comparison | EPOD | Stirling Engine |
|------------------------------|---|--|
| Power Range | 6/20/30 kW | 5.6 kW |
| Engine Electrical Efficiency | 17-28% | 9% ¹ |
| Solar-Hybrid System | 4.2 kW | - |
| Instrument Air | 19.1 scfm | 11.1 scfm |
| Annual CO2 Emissions | 13 tCO2e ² | 56 tCO2e ² |
| Maintenance Interval | Yearly – Oil and Filter Change ³ | Yearly – Scroll Compressor Tip Rebuild |
| H2S Capability | Up to 10,000 ppm with inline scrubber option | Up to 1,000 ppm |
| Site UPS | 23.6 kW/hr | 8.6 kW/hr |

1. Based on manufacturers provided heat input and electrical output.
 2. Based on a site load of 5 scfm and 250 w.
 3. Based on 2,500 hours annual engine run time.

Key Features

- 6/20/35 kW Solar/ Recip Hybrid
- 4.2 kW Solar Power Generation
- 24 VDC & 120/240 VAC
- 5/7.5 hp Duplex Instrument Air
- PLC/RTU/MCC Panel Space
- Integrated Battery UPS
- Heated and Insulated
 - Integrates with SCADA

For more information, contact us today
 +1 (877) 278-6404 | info@spartancontrols.com