

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 build 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

Low maintenance with remote monitoring, climate controlled enclosure and familiar technology.



REDUCED EMISSIONS

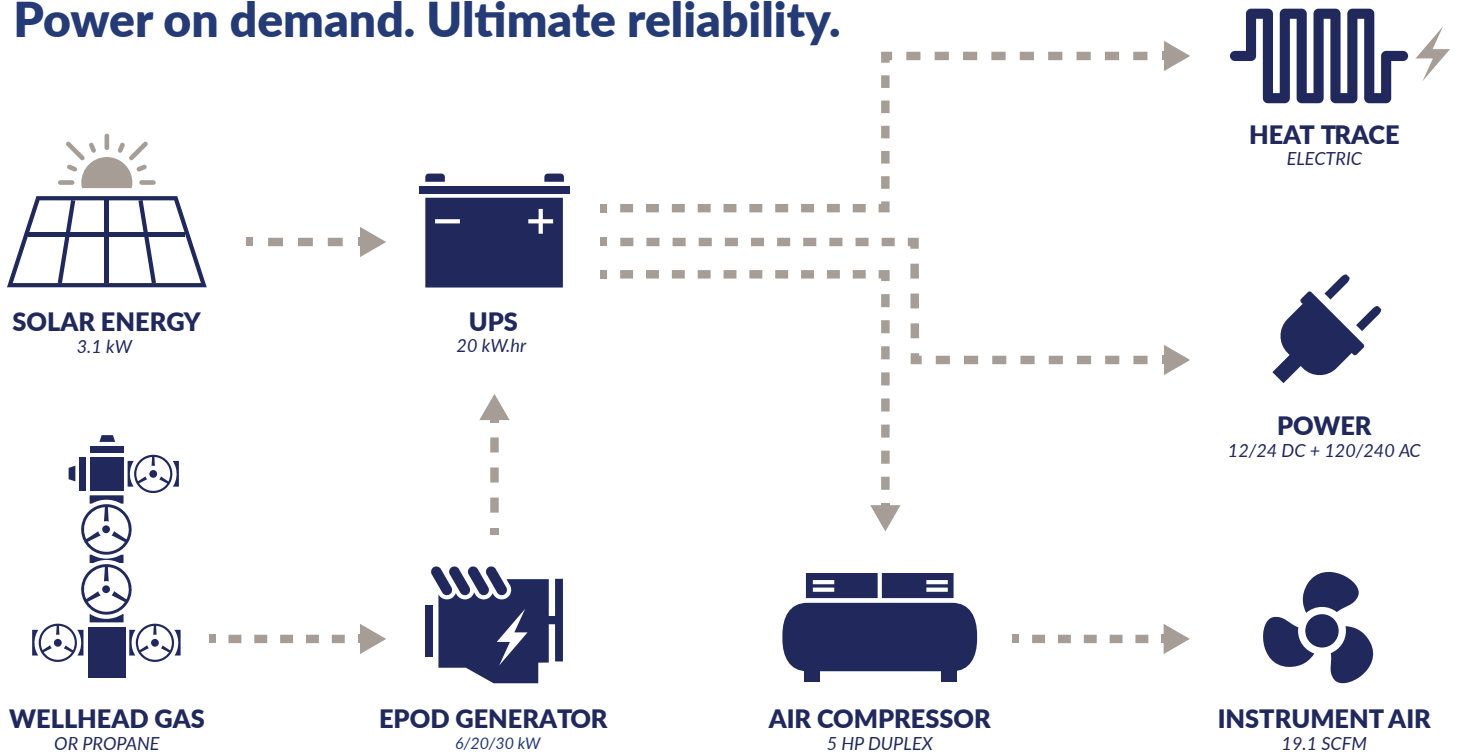
The EPOD's solar-hybrid system produces 75% less CO₂e than competing technologies.



ENGINEERED AND
MANUFACTURED
IN CANADA



Power on demand. Ultimate reliability.



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 & Insulated Integrates with SCADA

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 tCO2e²	56 tCO2e²
Maintenance Interval	Yearly - Engine and Air Compressor Oil and Filter Change³	Yearly - Scroll Compressor Tip Rebuild
H2S Capability	Up to 10,000 ppm with inline scrubber option	Up to 1,000 ppm
Site UPS	20 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.



Questions? Want help determining your power requirements? Need pricing?

Call us today at +1 (303) 799-9300 or email us at info@appliedcontrol.com



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