

EPOD

Cleaner power and instrument air on-demand.



- 1. Heat trace**
Electric or glycol options to prevent freezing.
- 2. General Power**
Any AC/DC power requirements as demanded by your well site.
- 3. Air compressor**
For clean, dry instrument air and pneumatic pumps.



STANDARDIZED COMPONENTS

Westgen's EPOD uses industry standard components such as generators, air compressors, and PV solar panels to reduce maintenance costs and enable a faster response time than virtually any other manufacturer.

PATENT PENDING DESIGN

Westgen's unique design configuration and proprietary calibration are the result of over 3,000 thousand hours of engineering and field testing.

*We do the research.
You get the rewards.*

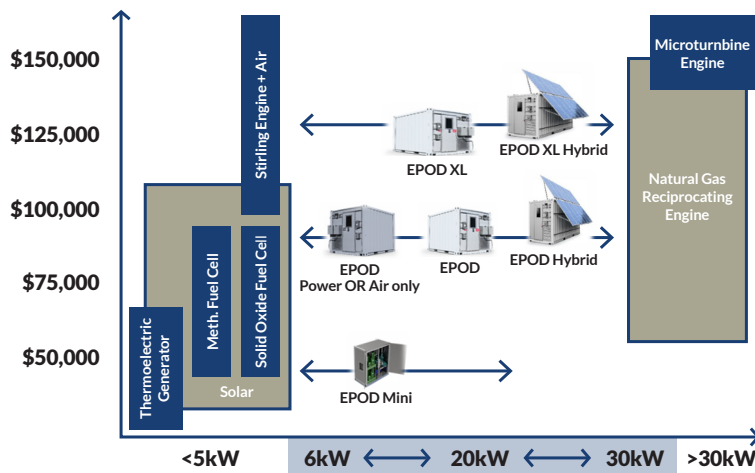
ELIGIBLE FOR CARBON CREDITS & FUNDING

Every Westgen EPOD meets the Alberta carbon credit protocol requirements for reducing GHG emissions, specifically the reduction of methane gas due to venting pneumatics.

Contact us to learn how more about funding your emissions reduction program.

Eliminates up to 99.5% of emissions from pneumatics

75% less CO₂e than Stirling engine technologies



GENERAL POWER

Well site power requirements can vary considerably depending on the number of wells drilled on the pad, the number and type of instruments and valves, and the additional/tertiary types of equipment that may be running.

Westgen has done extensive design, testing, and field validation of our EPODs to ensure sufficient power in wide range of power/air load environments.

ELECTRIC & GLYCOL HEAT TRACING

Protect your onsite piping by drawing conditioned power directly from your EPOD.

Electric & glycol-based solutions are available.

INSTRUMENT AIR

Westgen EPODs are specifically designed to provide up to 100 scfm of clean, dry instrument air that will eliminate the methane gas emitted from your pneumatics, earning carbon credits in Alberta or offsetting carbon tax in British Columbia!

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EPOD – ENGINEERED POWER ON DEMAND

Cleaner Power & Instrument Air for any well site.

The **EPOD** from Westgen can **reduce methane emissions from pneumatics by up to 99.5%** by replacing methane-rich site gas with clean, dry instrument air. Maintenance costs are dramatically reduced because the EPOD's patent-pending design utilizes common industry components that can be serviced without the need for expensive parts or specially trained service technicians.

The EPOD is designed to handle a wide range of power and air requirements (from 5 scfm to 100 scfm) for new well sites and retrofits!

Visit www.westgentech.com to see our Client Success Stories.

THE EPOD FAMILY

All of Westgen's EPOD have the following standard capabilities:

- **On-Grid or Off-Grid Power Supply** – Every EPOD can be installed on well sites with on-grid or off-grid power supply.
 - o Off-Grid EPODs use generators that are optimized to use Wellhead gas, Natural Gas, or Propane.
 - **Heat Tracing¹** – Electric (default) or Glycol-based (optional) to prevent freezing of onsite piping.
 - **Power Distribution** – 24V-DC and 120/240V-AC power is standard for EPOD and EPOD XL, and an optional upgrade on EPOD Mini.
 - **RTU - PLC** with embedded IO and SCADA system with callouts
- Available options:**
- **H2S Capability** – Optional inline scrubber, up to 10,000 ppm
 - **4.6kW Solar panel extension** – Added solar capacity for you EPOD or EPOD XL

	EPOD Mini		EPOD			EPOD XL		
Physical Size (LWH)	4'x 8' x 6.5'		10' x 8' x 8.5'			20' x 8' x 8.5'		
Enclosure Type	Reach in		Walk in			Walk in		
Climate control	Heated & insulated. Automatic: 5°C – 40°C		Yes, heated & insulated Operator adjustable via Control Panel			Yes, heated & insulated Operator adjustable via Control Panel		
Generator Gas type	EPOD generators are optimized to use Wellhead gas, Natural Gas, or Propane and are designed for intermittent operation – reducing fuel consumption and extending the maintenance cycle							
Air Generation @120 PSIG (scfm)	Up to 18.5 scfm (max) 5hp simplex compressor		Up to 100 scfm (max) Simplex or Duplex compressors, 5hp-30hp			Up to 100 scfm (max) Duplex air compressors, 5hp to 30hp		
@100 PSIG	20 scfm		Up to 61 scfm on 20hp Up to 110 scfm on 30hp			Up to 61 scfm on 20hp Up to 110 scfm on 30hp (TBD)		
Power Generation	6kW	20kW	6kW	20kW	30kW	6kW	20kW	30kW
Air & Power (AP) series	AP6 Mini + optional Hybrid Skid	AP20 Mini + optional Hybrid Skid	AP6 AP6 Hybrid	AP20 AP20 Hybrid	AP30 AP30 Hybrid	AP6XL AP6XL Hybrid	AP20XL AP20XL Hybrid	AP30XL AP30XL Hybrid
Power (PR) series	PR6 Mini PR6MH	PR20 Mini PR20MH	PR6 PR6 Hybrid	PR20 PR20 Hybrid	PR30 PR30 Hybrid	PR6XL PR6XL Hybrid	PR20XL PR20XL Hybrid	PR30XL PR30XL Hybrid
Air Generation	5hp, 7.5hp, 10hp, 15hp, 20hp, and 30hp							
Compressed Air (CA) series	CA5 Mini CA7 Mini CA10 Mini	CA20 Mini CA30 Mini	CA5 CA7 CA10	CA20 CA30		CA5XL CA7XL CA10XL	CA20XL CA30XL	
Annual CO2 Emissions	12-18 tCO ₂ e ²	24-37 tCO ₂ e ²	12-18 tCO ₂ e ²	24-37 tCO ₂ e ²	36-54 tCO ₂ e ²	12-18 tCO ₂ e ²	24-37 tCO ₂ e ²	36-54 tCO ₂ e ²
Solar Array	Optional 4.6kW solar skid add-on		3.1kW on EPOD Hybrid Non-solar option upon request			4.6kW on EPOD XL Hybrid Non-solar option upon request		
Site UPS Battery array	Optional Lithium Iron Phosphate		20 kWh Lithium Iron Phosphate Non-UPS option upon request			23.6 - 40 kWh Lithium Iron Phosphate Non-UPS option upon request		
Heat Trace¹	(Optional) Electric - up to 1000W		Electric Heat Trace (standard) Optional Glycol heat trace			Electric Heat Trace (standard) Optional Glycol heat trace		
Maintenance cycle²	12+ months at 5cfm 3-6 months at 18.5cfm		8 - 12 months at 30% Intermittent operation with 2500hr maintenance interval			8 - 12 months Intermittent operation with 2500hr maintenance interval		

¹ Heat trace capacity is dependent on the overall power consumption for the site. Please consult Westgen technical engineer for detailed estimate.

² Maintenance cycles depend on the specific components of your EPOD and the unique power/air demand profile of your well site.

Calculations based on average 30% intermittent runtime on a 6kW, 20kW, 30kW generator and air compressor.