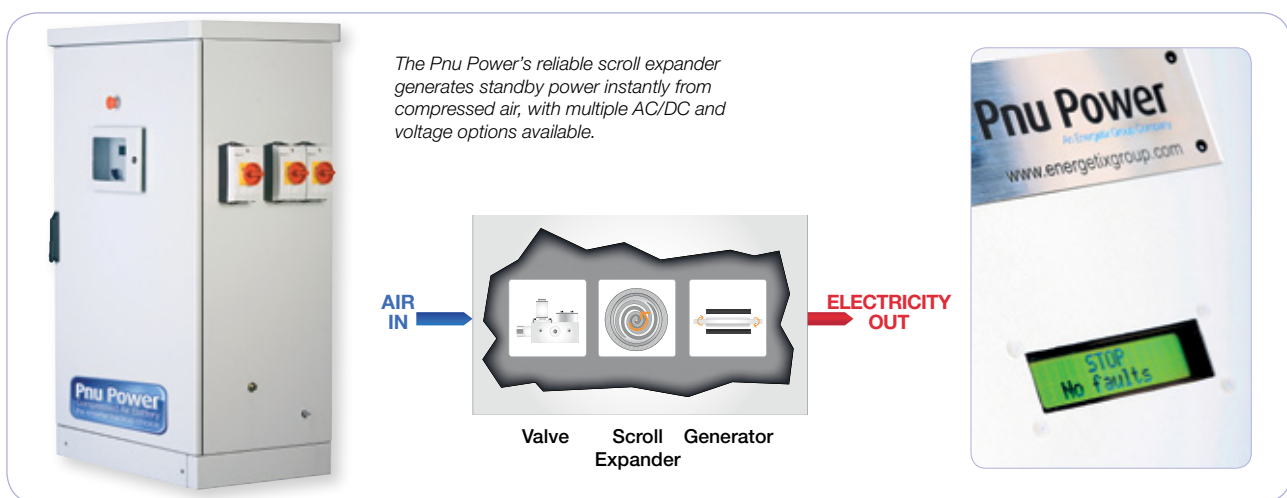


Pnu Power⁵™

5kW Compressed Air Battery

The smarter alternative to conventional batteries For UPS and standby power applications



benefits


- low initial and whole life costs
- low maintenance
- consistent high performance and power availability
- reliable, even in hostile environments
- fast plug-and-play installation

features

- environmentally tolerant, self-contained units
- comprehensive GUI status display as standard
- run from standard cylinders or plant ring main air supplies
- auto compressor option for cylinder recharge
- very low environmental impact and disposal issues

FACT: Conventional UPS/standby batteries are expensive to maintain and may fail to perform when needed

FACT: Pnu Power Compressed Air Batteries cost less to operate, are low maintenance and consistently dependable

 5kW Compressed Air Battery	
Output	5kW
Height/Width/Depth	1700mm (66.9") x 800mm (31.5") x 600mm (23.6")
Weight	150kg (330lbs)
Supply pressure	28 bar (406 psi)
Run time from standard extendable cylinder pack	24 minutes

PRODUCT CODE: PP5

standard specifications

POWER	
AC Voltage	Customer specified: 110-240 Vac 1 Phase, 380-480 Vac 3 Phase 50/60Hz
DC Voltage	Customer specified: 12-340 Vdc +/-ve grounding available as standard
AC + DC	Multiple outputs available
Voltage regulation	+/- 0.5%

OPERATIONAL SPECIFICATIONS	
Mode	Standby or UPS power

ENERGY SOURCE	
Source	High pressure cylinders or medium pressure plant main
Air quality	Standard industrial
Recharge type	Cylinder replacement or automatic compressor

ENVIRONMENTAL	
Operating temperature	-40 to +50°C (-40 to +122°F)
Storage temperature	-40 to +60°C (-40 to +140°F)
Humidity	>95% non-condensing
Heat dissipation	<100W in standby mode
Noise	<65dBA at 5m as standard across range
Enclosure	Standard industrial: internal & external options

INSTRUMENTATION	
Local	LCD display shows run time remaining and operational status
Remote	Ethernet (TCP-IP) or standard modem

STANDARDS	
Safety	CE Certified
Emissions	CE Certified
Immunity	CE Certified



Compressed Air Batteries
the smarter backup choice

Technical Information & Support

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