

PowerAll[®]

DC990 Series

On-board Air & Power Systems



The power to work, *anywhere...*

Why choose a **PowerAll®** Compressor System?

Since the 1980s, PowerAll have manufactured a range of performance on-board power systems to meet the needs of professional 24/7 service organisations, and bespoke emergency services applications.

The new DC990 Series delivers significant advantages over conventional chassis and skid mounted on-board compressor systems in terms of fuel usage, reliability, payload reduction and health & safety compliance.

Lower Capital & Running Costs

DC990 is an extremely cost effective solution.

It requires no permanent modification to the host vehicle, allowing it to be removed and the vehicle returned to its original specification prior to disposal. This results in enhanced residual values and avoids penalties for leased vehicles.

The system can be reconditioned and transferred to another vehicle, saving on capital expenditure and allowing longer depreciation periods. With adaptive output control and auto stop start function, the DC990 reduces fuel consumption, engine wear, noise and environmental impact.

More Than Just a Compressor

With its unique technology, the **DC990 Plus** can provide 110v AC output with no additional equipment required, delivering power and air simultaneously where applications demand it.

Power for floodlighting, tyre grooving, electric powered tools and equipment.

Service & Support

Our team of field service engineers provide on site service and repair with minimum disruption. Our team of field service engineers provide on site service and repair with minimum disruption. Our team of field service engineers provide on



Key Benefits

- Continuously rated at maximum output so you always have the air supply that you need 100% duty cycle.
- Intelligent control system provides optimum air delivery under all conditions, when you need it
- Compact dimensions for minimum load area intrusion
- Light weight for increased payload 67kg
- Increased service intervals reducing running costs
- Adaptive control reduces fuel use and running costs
- Fully CE marked, EMC compliant and IEE 17th edition compliant
- Wide range of bespoke vehicle mounting kits, fully FEA and stress analysed for long service life.

And so much more...

Combine your DC990 system with any of the PowerAll range of on-board power systems and you can have from 1kVA to 6kVA of reliable AC power, 200amp arc welding capacity and 12/24v boost charge facility, making this the solution of choice for the 24/7 service providers in a wide range of industries.



The DC990 has an advance control system that minimises the compressor running time where ever possible. The compressor unit is mounted within the vehicle, providing easy access, to reduce service and maintenance cycle times. Unlike conventional chassis mounted systems, the unit is not exposed to the elements, corrosion, or ingress, thereby giving longevity to key components. The system controller monitors all the key functions and warns the operator when service or maintenance is due. The visibility of the compressor status allows quick and easy fault finding and minimises down time.



Technical Specifications

DC990

Air Output	19.8 l/s
Maximum Working Pressure	10 bar (g)
Engine Operating Speed	Vehicle data
System weight	67kg
Oil capacity	5 litre
Dimensions lxxh	550x360x590

DC990Plus

Electrical output	1800 watts
Voltage	110v AC
Connection socket	16amp

Applications include :

- Mobile tyre repair vehicles
- Roadside and off highway 24/7 service and breakdown vehicles
- Utilities maintenance and contract repair vehicles
- Emergency services vehicles

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