

# Compact and low weight LPS power systems for fibre vans



Used by Eltel Networks

**CLAYTON**  
POWER

# Capital Cost | Fibre van solution

## Traditional Battery System

PCS	Product	Total
1	Sine Wave Inverter - 3000W	1 460 €
2	AGM Lead Battery - 100Ah	450 €
1	Smartpass 20A - Euro 6	550 €
1	Relay and Cables	250 €
1	Installation	350 €

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**System price: 3 060 €**

## New LPS System

**2 years warranty**

PCS	Product	Total
1	LPS 2500W (including remote + bracket)	2 802 €
1	Installation + cables	248 €

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**System price: 3 050 €**

All prices are in EURO exclusive VAT and freight.



A person wearing a high-visibility yellow uniform with the "ELTEL" logo on the chest is working on a piece of equipment. The equipment has a built-in lithium battery. The person is wearing a tool belt with various tools, including a yellow-handled tool and a black tool. The equipment is mounted on a concrete base. The background shows a metal structure, possibly part of a vehicle or a piece of machinery.

**Traditional System: 91 kg**

**LPS System: 29 kg**

**62 kg** in weight reductions

The built-in lithium battery weighs only 1/3 of lead acid batteries supplying the same amount of available energy.

# Operating Cost | Fibre van solution

## Traditional Battery System

PCS	Battery replacements	Per replacement			After 4 years (2 replacements)
2	AGM Lead battery - 100Ah	350 €			<b>700 €</b>
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PCS	Engine idling	Price per liter	Price per day	Price per year (220 days)	After 4 years
4,5	Liter diesel	1,50 €	6,75 €	1 485 €	<b>5 940 €</b>
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				Operating cost after 4 years:	<b>6 640 €</b>
				System price:	<b>3 060 €</b>
				<b>Total after 4 years:</b>	<b>9 700 €</b>



**Traditional System: 10-12 hours**

**LPS 2500W: Less than 2 hours**

**10 min.** of charging while driving  
is sufficient to be operational

The LPS system charges very quickly and efficiently while driving.  
There will always be power for operation at the next customer's.

# Savings | Fibre van solution

## Traditional Battery System vs New LPS System

Savings without battery replacements and engine idling

Period	1 van		120 vans
1 <sup>st</sup> year	1 485 €		178 200 €
2 <sup>nd</sup> year	2 185 €	(battery replacement on traditional system)	262 200 €
3 <sup>rd</sup> year	1 485 €		178 200 €
4 <sup>th</sup> year	2 185 €	(battery replacement on traditional system)	262 200 €

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**Savings over 4 years:**

**7 340 €**

**880 800 €**

Traditional System: 9 700 €

LPS System: 3 050 €

**70%** in cost reductions

After 4 years without engine idling and battery replacement

# CO<sub>2</sub> reductions | Fibre van solution

## Traditional Battery System vs New LPS System

CO<sub>2</sub> reductions without engine idling

Traditional Battery System	Hours per day	Liter per hour	CO <sub>2</sub> kg/l	Kg CO <sub>2</sub> per van/year (220 days)
Engine Idling	3	1,5	2,68	<b>2 653</b>

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**Yearly reduction for 120 vans:**

**318 ton CO<sub>2</sub>**





# **Zero** engine idling and reliable solutions pay off

Fuel saving without use of idling makes the LPS system CO2-friendly and at the same time a competitive product on price, quality and durability.

# Capital Cost | Fibre van LIGHT

## Traditional Battery System

PCS	Product	Total
1	Sine Wave Inverter - 1500W	600 €
1	AGM Lead Battery - 100Ah	225 €
1	Smartpass 20A - Euro 6	550 €
1	Relay and Cables	250 €
1	Installation	250 €

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**System price: 1 875 €**

## New LPS System

**2 years warranty**

PCS	Product	Total
1	LPS 1500W (including remote + bracket)	2 402 €
1	Installation + Cables	250 €

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**System price: 2 652 €**



# Capital Cost | Compressor solution

## LPS 2500W / Kaeser Compressor System

2 years warranty

PCS	Product	Total
1	LPS 2500W (including remote + bracket)	2 802 €
1	Kaeser i.Comp 3	1 600 €
1	Installation + cables	248 €

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**System price:** 4 650 €

Boost charge for the LPS is available with an extended alternator in the van. The price is 379 € per LPS unit.

All prices are in EURO exclusive VAT and freight.



# CO<sub>2</sub> reductions | Compressor solution

## Fuel based compressor or generator vs New LPS 2500W / Kaeser Compressor System

### CO<sub>2</sub> reductions

Fuel based compressor or generator	Hours per day	Liter per hour	CO <sub>2</sub> kg/l	Kg CO <sub>2</sub> per van/year (220 days)
Engine	2	1,3	2,68	<b>1 532</b>

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**Yearly reduction for 120 vans:**

**184 ton CO<sub>2</sub>**

# Great benefits

## **New LPS System**

- + No engine idling
- + Reduction of total weight
- + Improved working environment
- + No maintenance and high operation reliability
- + Cost savings