

All-in-one mobile power systems

Replaces
120 Ah
battery system



Replaces
200 Ah
battery system



Replaces
200 Ah
battery system



LPS 1200W - 60Ah
Peak: 2400W

LPS 1500W - 100Ah
Peak: 3000W

LPS 2500W - 100Ah
Peak: 5000W

Lithium Power Supply (LPS)	LPS 1200W-60Ah	LPS 1500W-100Ah	LPS 2500W-100Ah
Model no.	014-02001GF	014-01004GF	014-03001GF
Battery type	Li-Ion 12V - 60Ah	Li-Ion 12V - 100Ah	Li-Ion 12V - 100Ah
Battery chemistry	LiFePO4	LiFePO4	LiFePO4
Battery capacity	60Ah (792Wh)	100Ah (1320Wh)	100Ah (1320Wh)
Available capacity	48Ah (634Wh)	80Ah (1050Wh)	80Ah (1050Wh)
AC Input Voltage	207 VAC - 253 VAC	207 VAC - 253 VAC	207 VAC - 253 VAC
AC Input frequency	45 Hz - 65 Hz	45 Hz - 65 Hz	45 Hz - 65 Hz
AC Input power (Charge power)	500 W (2.5A)	800 W (3.5A)	800 W (3.5A)
AC Output voltage	230 VAC pure sine wave	230 VAC pure sine wave	230 VAC pure sine wave
AC Output frequency	50 Hz	50 Hz	50 Hz
AC Output power	Continuously 15 min / 15 min / 10 min	1300 Wrms (6A)	2000 Wrms (6.5A)
AC Output power Peak (10sec)	1200 Wrms (6.5A)	1500 Wrms (6.5A)	2500 Wrms (11A)
AC Output power AC IN connected	2400 Wrms	3000 Wrms	5000 Wrms
DC Input voltage	1800W (8A) / Socket	1800W (8A) / Socket	2300W (10A) / Socket
DC Input continuous current	12 - 15 VDC	12 - 15 VDC	12 - 15 VDC
DC Output Voltage	< 30 A	< 50 A	< 50 A
DC Output continuous current	13.2 VDC (9.2 - 15 VDC)	13.2 VDC (9.2 - 15 VDC)	13.2 VDC (9.2 - 15 VDC)
DC Output Max Impulse current	60 ADC	60 ADC	60 ADC
Operating temperature	70 A	70 A	70 A
Cooling	100 A	100 A	100 A
Self-discharge rate per month	150 A	150 A	150 A
Operating mode self consumption	-20°C-50°C	-20°C-50°C	-20°C-50°C
Operating mode self consumption (Inverter and DC Output active)	Forced air (fan)	Forced air (fan)	Forced air (fan)
Sleep mode consumption	< 3%	< 3%	< 3%
Connection 230VAC	5 W	5 W	5 W
Connection 12VDC	22 W	22 W	35 W
IP rating	< 25 mW	< 25 mW	< 25 mW
Product weight	Neutrik and Schuko	Neutrik and Schuko	Neutrik and Schuko
Package weight	Anderson SB50	Anderson SB50	Anderson SB50
Product dimensions in mm	IP21	IP21	IP21
Package weight	26 kg	28 kg	28 kg
Package dimensions in mm	250x244x390	250x244x390	250x244x390
	28 kg	30 kg	30 kg
	350 x 355 x 495	350 x 355 x 495	350 x 355 x 495

Low Voltage Directive 2014/35/EU
EN62368-1:EU

EMC 2014/30/EU
EN61000-6-2:2005, EN61000-6-3:2007 / A1:2007
EN50498:2010(UNECE Regulation 10)

www.claytonpower.com

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Compact 230V and 12V power supply
with integrated lithium battery

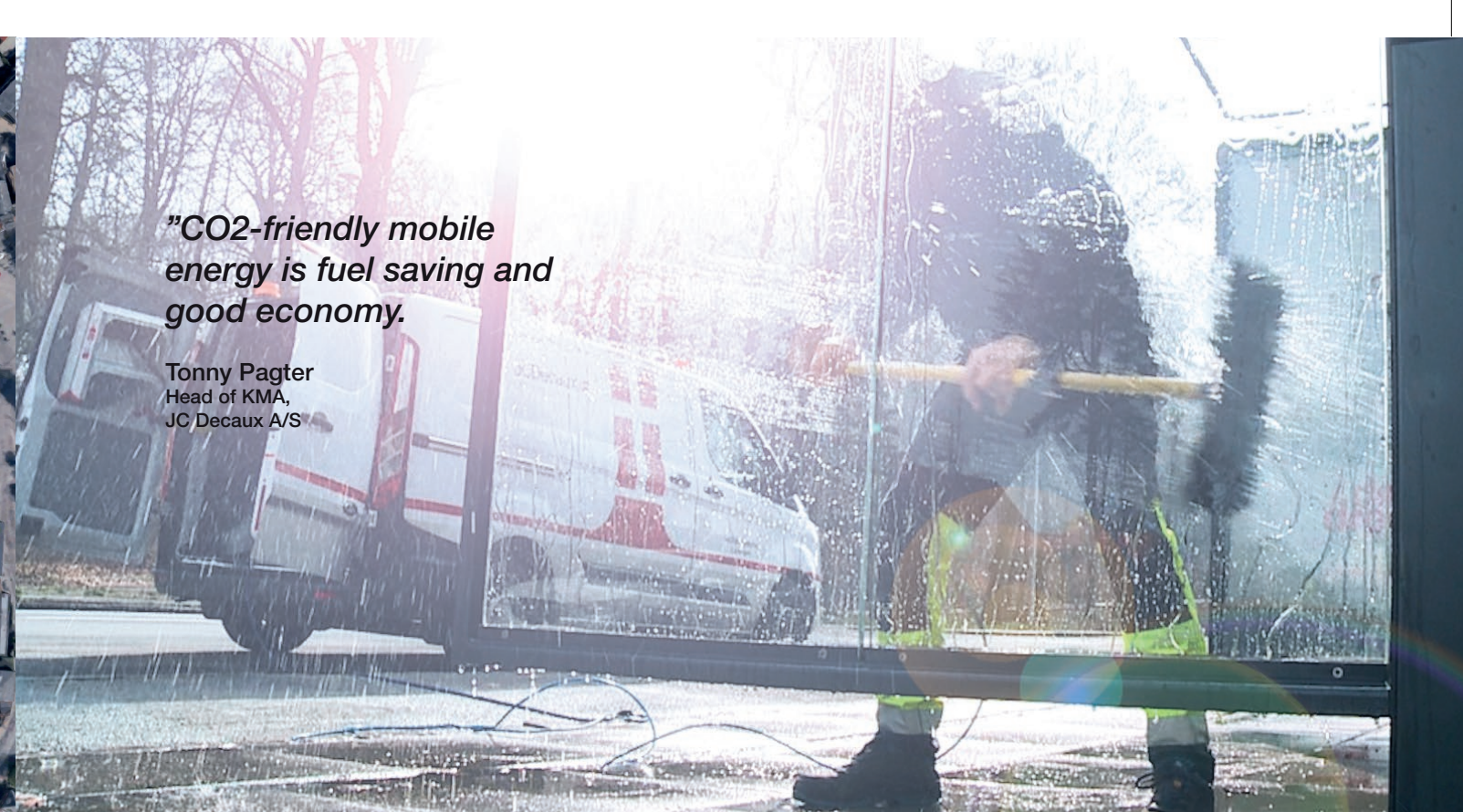
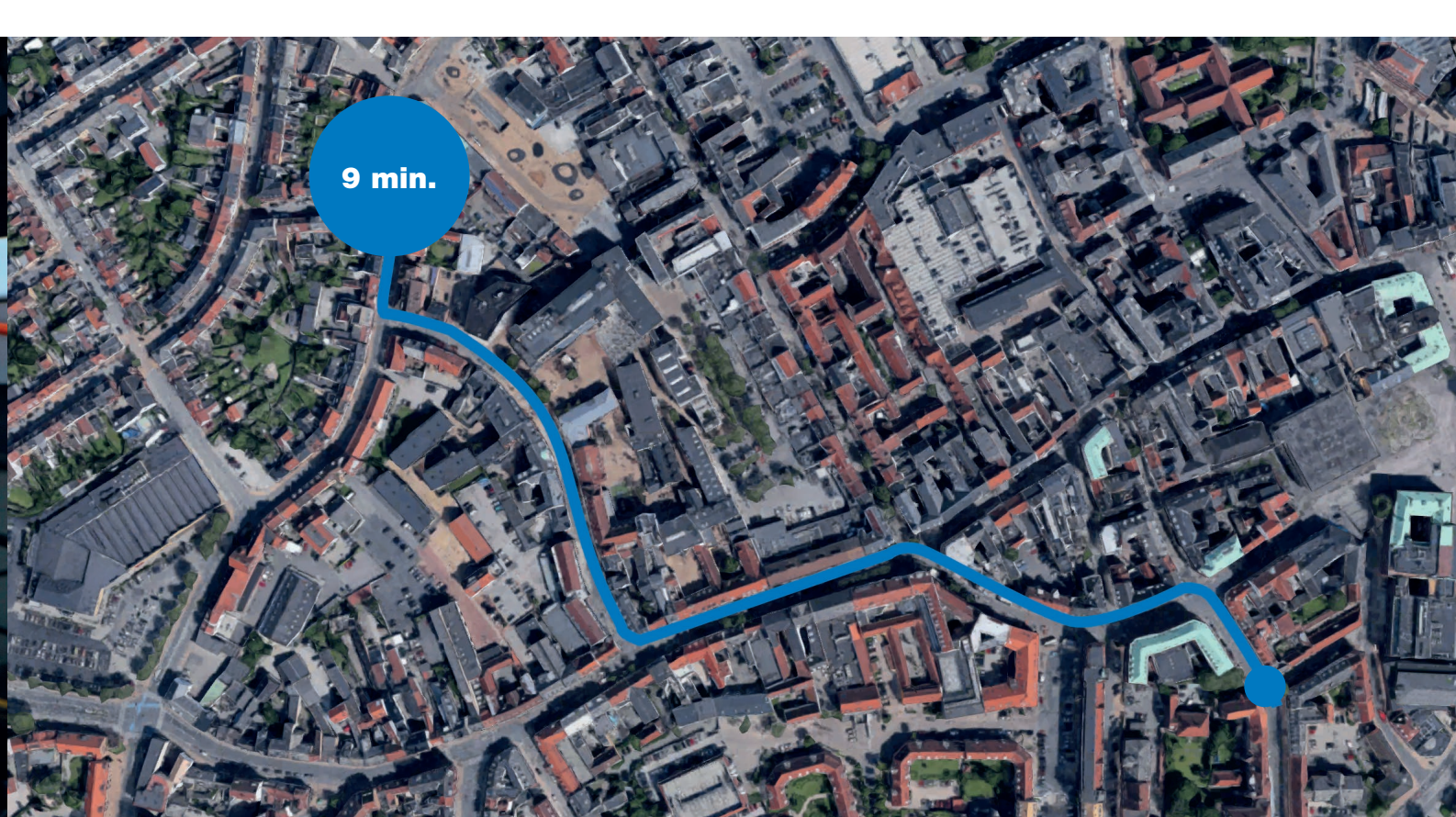
LPS

Lithium Power Supply

5000 W
in peak

CLAYTON
POWER





**Fully charged power tools
-every morning!**

**5-10 minutes' charging from the van
provides power for circular saw or compressor**

**Lithium is powerful, compact and weight saving,
50 kg reduction compared with lead systems**

"CO2-friendly mobile energy is fuel saving and good economy."

Tonny Pagter
Head of KMA,
JC Decaux A/S



12V output

Lithium battery for 12V equipment such as signal lights and working light.



230V output

Pure sine wave inverter for 230V/50Hz power tools, battery chargers etc.



12V opladning

Fast charging while driving - also for new cars complying with Euro 6.



230V opladning

Simple and fast charging directly from mains.

8X faster charging

Fast charging during driving

Complete recharging of an LPS 2500 W takes 1 hour and 40 minutes over 8-12 hours for lead batteries.



"Fully charged battery tools - every morning!"

Bjarne Thisgaard
Carpenter and stair builder,
Husmesteren



"After a 5-10 minutes' drive everything is operational."

Michael Nielsen
Service assistant,
SOS Dansk Autohjælp



"Reliability is crucial for Carglass."

Thomas Nørgaard Jacobsen
Operations Director,
Carglass Danmark A/S



"Our service vans arrive fully charged - every time."

Henrik Skjellerup
Manager of SlangExpress,
Hydroscand