

Plug and go - You've got the power!

All-in-one 230 V and 12 V LPS II power supply
with built-in Li-Ion battery.



CLAYTON
POWER

Easy overview and full control keep you in charge

Precise monitoring and data feedback.

Overview of remaining operation/charging time, combined with rapid recharge ensures there will be no unpleasant surprises.

Built-in Energy Meter

This information can be used for CSR documentation. The energy meter shows you exactly how much energy is saved by using solar panels.



1500 W
1 kWh Li-Ion

HOT PRICE



2000 W
1 kWh Li-Ion



2500 W
1 kWh Li-Ion



3000 W
2 kWh Li-Ion



LPS II 1500 W - 1 kWh SE

230 V/50 Hz output

Peak: 2600 W
Power: 1500 W

12 VDC output

60 Seconds: 270 A
Continuously: 180 A

Built-in Li-Ion Battery

Efficient energy: 1050 Wh
Capacity: 1320 Wh (100 Ah)

Recharging

Alternator: 300 W
Solar panels: N/A
Grid: 550 W

LPS II 2000 W - 1 kWh

230 V/50 Hz output

Peak: 3000 W
Power: 2000 W

12 VDC output

60 Seconds: 270 A
Continuously: 180 A

Built-in Li-Ion Battery

Efficient energy: 1050 Wh
Capacity: 1320 Wh (100 Ah)

Recharging

Alternator: 500 W
Solar panels: 400 W
Grid: 720 W

LPS II 2500 W - 1 kWh

230 V/50 Hz output

Peak: 4000 W
Power: 2500 W

12 VDC output

60 Seconds: 270 A
Continuously: 180 A

Built-in Li-Ion Battery

Efficient energy: 1050 Wh
Capacity: 1320 Wh (100 Ah)

Recharging

Alternator: 500 W
Solar panels: 400 W
Grid: 720 W

LPS II 3000 W - 2 kWh

230 V/50 Hz output

Peak: 5000 W
Power: 3000 W

12 VDC output

60 Seconds: 350 A
Continuously: 180 A

Built-in Li-Ion Battery

Efficient energy: 1900 Wh
Capacity: 2112 Wh (160 Ah)

Recharging

Alternator: 500 W
Solar panels: 400 W
Grid: 720 W

Accessories

LPS II Remote
(extra)



LPS Charging Cable Neutrik
(included)



Flexible Solar Panels
(extra)



LPS II Mounting Bracket
(extra)



3,10 m - 110 W eFlex Solar Panel

2,30 m - 85 W eFlex Solar Panel

80 cm - 28 W eFlex Solar Panel



LPS II 3000 W - 2 kWh



For basic equipment, common and heavy power tools, air compressors and small welding systems

LPS II 2000 W - 1 kWh / LPS II 2500 W - 1 kWh



For basic equipment, common power tools and small air compressors

LPS II 1500 W - 1 kWh SE



For basic equipment



1 kWh LPS with Super Charger



From 0-80% in
48 minutes

Rapidly recharged for every stop and every job

Flexible charging ensures top efficiency



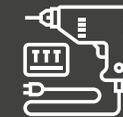
Vehicles alternator

The LPS II can be recharged from the vehicle's alternator and Super Charger with 1000 W (90 A) - from 0%-80% in only 48 minutes.



Solar recharging

The LPS II has a built-in 400 W MPPT Charge Controller allowing you to recharge directly from solar panels.



Mains power

Recharge with up to 720 W from mains if extra charging is needed.



Power and recharged tools when parked

Even when the vehicle is switched off, the LPS II will still recharge and power your tools.

Smart features, easily monitored and adaptable

**The LPS is applicable in a variety of set-ups
and scenarios to meet individual requirements**

- + Adjustable 230 VAC charging
- + Adjustable 12 - 30 VDC charging
- + Adjustable Solar charging
- + Summary of charging history
- + Status overview
- + Jumpstart

Specifications

Model name:	LPS II 1500 - 1 kWh SE	LPS II 2000 - 1 kWh	LPS II 2500 - 1 kWh	LPS II 3000 - 2 kWh
Model no.	CL2204/CL2214	CL2205/CL2215	CL2102/CL2112	CL2103/CL2113
Battery type	Li-ion 12 V - 100 Ah	Li-ion 12 V - 100 Ah	Li-ion 12 V - 100 Ah	Li-ion 12 V - 160 Ah
Battery chemicals	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery capacity	100 Ah (1320 Wh)	100 Ah (1320 Wh)	100 Ah (1320 Wh)	160 Ah (2112 Wh)
Available battery capacity	80 Ah (1050 Wh)	80 Ah (1050 Wh)	80 Ah (1050 Wh)	136 Ah (1900 Wh)
Battery cycles	2000	2000	2000	2000
Battery	Rechargeable (secondary) Li-ion	Rechargeable (secondary) Li-ion	Rechargeable (secondary) Li-ion	Rechargeable (secondary) Li-ion
AC input, voltage	207 - 253 V AC			
AC input, frequency	45 - 65 Hz			
AC input, power (charging current)	550 W	720 W	720 W	720 W
AC output, voltage +/- 10%	230 V AC pure sine wave			
AC output, frequency	50 Hz	50 Hz	50 Hz	50 Hz
AC output, power - continuous (@25°C)	1300 W	1500 W	2000 W	2300 W
AC output, power - 10 min.	1500 W	2000 W	2500 W	3000 W
AC output, power - peak	2600 W	3000 W	4000 W	5000 W
AC output, power - AC in connected	2300 W	2300 W	3000 W	3000 W
AC output, efficiency (1000 W)	94%	94%	94%	94%
DC input, voltage	11.5 - 32 V DC			
DC input, current	25 A	45 A	45 A	45 A
Jumpstart	25 A/5 min.	40 A/5 min.	40 A/5 min.	40 A/5 min.
DC Super Charge support	N/A	Yes (90 A)	Yes (90 A)	Yes (90 A)
DC output, voltage	10 - 14.4 V DC			
DC output, charging current - continuously	90 A	90 A	90 A	90 A
DC output, discharge current - continuously	180 A	180 A	180 A	180 A
DC output, discharge current - 1 min.	270 A	270 A	270 A	350 A
Solar panel input, charging power (max.)	N/A	400 W	400 W	400 W
Solar panel input, voltage	N/A	15 - 50 V DC	15 - 50 V DC	15 - 50 V DC
Solar panel input, charging current (max.)	N/A	15 A	15 A	15 A
Input signals	C1, C2, M12	C1, C2, M12 x 3	C1, C2, M12 x 3	C1, C2, M12 x 3
Output signals	C2 and M12	C2 and M12 x 3	C2 and M12 x 3	C2 and M12 x 3
Self-discharge rate per month	<5%	<5%	<5%	<5%
Power consumption – Only DC output active	<1 W	<1 W	<1 W	<1 W
Idle consumption - AC & DC output active	20 W	20 W	30 W	30 W
Connection 230 V AC	Neutrik and plug (Type F or G)			
Connection C1/C2	M4	M4	M4	M4
Connection DC input	M8	M8	M8	M8
Connection DC output	M8	M8	M8	M8
Cooling	Forced air (fan)	Forced air (fan)	Forced air (fan)	Forced air (fan)
Operating temperature discharge	-20 ~ 50 °C			
Operating temperature charge	0 ~ 50 °C			
IP classification	IP20	IP20	IP20	IP20
Product weight	22,5 kg	22,5 kg	23,5 kg	27,5 kg
Product dimensions (H x W x L)	256 x 277 x 409 mm			
Battery Designation	IFpP/51/161/119/[4S]M/-20+60/90	IFpP/51/161/119/[4S]M/-20+60/90	IFpP/51/161/119/[4S]M/-20+60/90	IFpP/55/175/154/[4S]M/-30+60/90