



Battery and Power Packages for Trailers that  
operate electrical and hydraulic equipment



# Spare part list

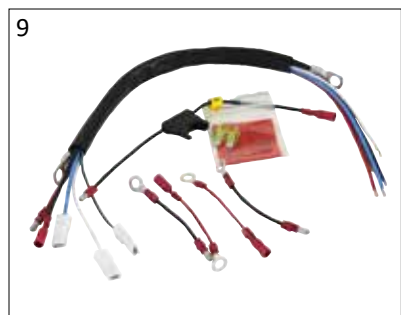
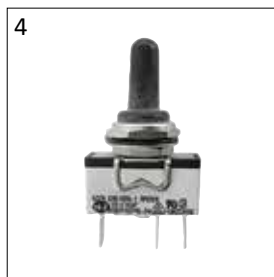
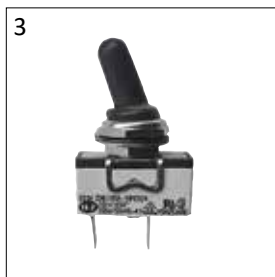
2021-10-01

Whit unique recharging from the  
truck's lighting circuit

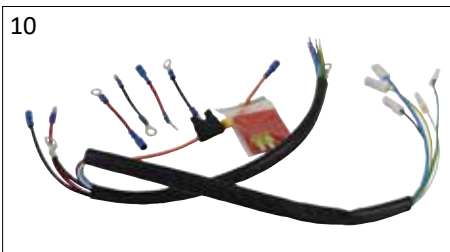




## P-LIGHT - Spare part electronic



Pic	Art. No.	Article
1	IE5200	Push button with rubber cap Ø22,2-Momentary
2	IE5205	Push button with rubber cap M12x0,75-Momentary
3	IE5305-1P	Toggle switch On-Off 1-pol, Rubber cap-Toggl
4	IE5307-1P	Toggle switch (On)-Off-(On) 1-pol, Rubber cap-Mome
5	IE5307-2P	Toggle switch (On)-Off-(On) 2-pol- Rubber cap-Mome
6	IE3100-80R	Solenoid Reverse 24V/80A (HC)
7	IE3100-100	Solenoid 24V/100A (HC 2kW Round)
8	IE3100-125	Solenoid 24V/125A (SW80 2.4 - 4.5kW)
9	PL5201	Cable set Midi
10	PL5202	Cable set Maxi och Maxi XL
11	IE1400-30	Automatic fuse 30A
12	PL5200-1	Spare key incl. wire & seal
13	PL5200	Battery Disconnecter 150/1000A Incl. Wire
14	PL2808-A1OE	Installation cable 8m Aspöck No1 (2xASS3+Open End)
15	PL2802-12-FSOE	Install. cable Radio 2m 12x0,75 (Open End)



## P-LIGHT - Control unit



Art. No.	Article
PL3177	P-LIGHT Midi Control unit 5A
PL3407	P-LIGHT Maxi Control unit 10A
PL3507	P-LIGHT Heavy Control unit 10A Fits P-LIGHT Maxi XL, Magnum och Hydro

## P-LIGHT - Batteries



Pic	Art. No.	Article
1	PL2170	P-LIGHT Battery Midi 18Ah
2	PL2450	P-LIGHT Battery Maxi 45Ah
3	PL2512	P-LIGHT Battery Magnum/Hydro 120Ah
4	PL2515	P-LIGHT Battery Magnum/Hydro 150Ah
5	PL2520	P-LIGHT Battery Magnum/Hydro 200Ah

## P-LIGHT - Bolt kit with sealing strip



Pic	Art. No.	Article
1	PL5101	Bolt kit lid Midi, Magnum/Splitt och Hydro
2	PL5102	Bolt kit lid Maxi
3	PL5103	Bolt kit lid Maxi XL
4	PL5104	Bolt kit lid Magnum Frame

## P-LIGHT - Spare parts hydraulic

1



2



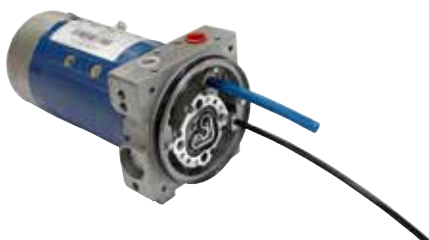
3



4



5



6



7, 8



9, 10



Pic

Art. No.

Article

1	PL4630-2X2,0	Hydraulic unit 3kW 2x2.0cc
2	PL4545-3.8	Hydraulic unit 4.5kW 3.8cc
3	PL4524-3.2	Hydraulic unit 2.4kW 3.2cc
4	PL4545-00	Engine kit 4.5 KW, excl. pump
5	PL4524-00	Engine kit 2.4 kW, excl. pump
6	PL4720-00	Engine kit 2 kW, excl. pump/tank
7	PL4720-1.25-7	Hydraulic unit 2.0kW 1.25cc , incl 7L tank
8	PL4700-70	Reservoir kit 7L to Hydro Comp
9	PL4720-1.25-4	Hydraulic unit 2.0kW 1.25cc
10	PL4700-40	Reservoir kit 4L to Hydro Comp
11	PL4701-1.25	Pumpkit 1.25cc Hydraul unit HC 2kW
12	PL4501-3.2	Pumpkit 3.2cc Hydraul unit 2.4kW (4.5kW)
13	PL4501-3.8	Pumpkit 3.8cc Hydraulic unit 4.5kW (2.4kW)
14	PL4702-00	Adapterkit Hydraul unit HC 2kW
15	PL4502-00	Adapterkit Hydraul unit 2.4 - 4.5kW
16	IH9111	P-LIGHT Hydraulic oil filter 10 my
17	IH9000-1/2	Airfilter tank 1/2", Reservoir
18	IH9000-3/4	Airfilter tank 3/4", Reservoir
19	PL4720-09	Thermal temperature protection 2 & 3kW motor
20	PL4524-08	Carbon kit 2.4kW engine
21	PL4545-08	Carbon kit 4.5kW engine
22	PL4630-08	Carbon kit 3kW engine
23	PL4720-08	Carbon kit 2kW engine

11, 12, 13



14, 15



16



17



18



19



20, 21, 22, 23



## P-LIGHT Radio



P-LIGHT Radios are programmed and adapted for our products and can be customised and programmed for most functions needed for efficient use. Also available with custom designed labels. Contact us for price, functions and opportunities.



Examples of special labels/functions

## P-LIGHT Summary facts



- Increases traffic safety as you can have the lighting on when you park the trailer.
- Unique recharging from the vehicle's lighting circuit.
- The trailer will be independent of the tractor, all functions can be operated when the trailer is disconnected.
- Operates the most common electrical and hydraulic functions on sleds and trailers.
- No overloading of the truck's system when the trailer is connected. P-LIGHT then acts as an accumulator that balances the output from the vehicle.
- P-LIGHT is Climate-smart, Environmentally friendly and Economical
- Less idling, saves fuel and minimises emissions.
- Long service life provides good economy and increases operational reliability.
- User-friendly and provides a good working environment.

## P-LIGHT Facts - The law

**The Swedish law is very clear regarding the illumination of vehicles parked in darkness.**

**Extract from the Swedish Lighting Act number 74§**

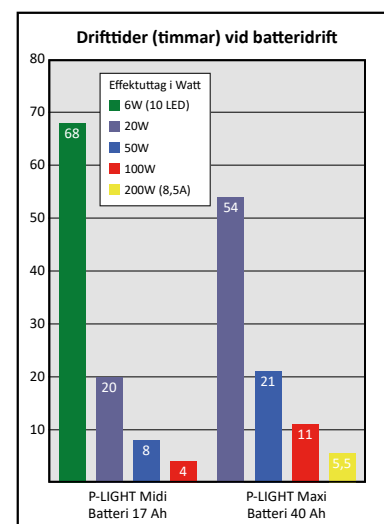
"When a vehicle has stopped or been parked on a road the vehicles parking – and tail lights has to be lit during dark, dusk or dawn and otherwise when the weather or other circumstances make it necessary for other road users to notice."

**Extract from the Swedish Lighting Act number 75§**

"The provisions of section 74 do not apply if the road is so well illuminated that the vehicle can still be clearly noticed at a sufficient distance or if the vehicle has been stopped or parked off the roadway and roadway."

**Most countries in Europe has similar lighting acts; what does the law say in your country?**

## P-LIGHT Facts - Operating time



**To calculate the operating time for battery-powered products, the Ohms law should be applied, hence, it cannot be changed or affected.**

E.g, a 24V system corresponds to a 24W illumination with 1A power outlet.

In this case you get approx. 1 lighting hour per battery Ah, (Note, applies to fully charged batteries in mint condition at + 20 ° C).

**Own calculation:**  $Ah \times V / W = h$

Ah = Battery amps, V = Volt, W = Power output in Watt.

## P-LIGHT Warranty and function

P-LIGHT is developed and manufactured in Sweden, using components and products of the highest quality. All components are developed to work together, thus original spare parts must always be used to ensure optimal operation and function.

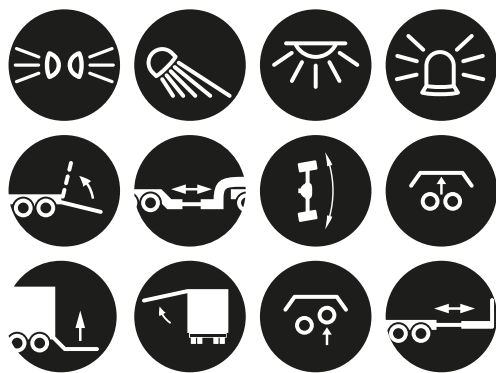
All P-LIGHT models are covered by a 1-year product warranty provided that all conditions are met; the warranty is calculated from the day of purchase, or the day of installation if the installation is carried out by a workshop/fitter recommended by P-LIGHT.

If you have questions about support or warranty matters, information is available on our websites support.p-light.com, www.p-light.com and www.innonet.se.



## P-LIGHT - Function overview

- Choose the correct model for your needs



Below are examples of what each P-LIGHT model can control and operate as well as what maximum output it has and what effect it can give. Use this as a guide to find the right model for your needs.

If you need help figuring out what is needed to run the functions you need, please contact us and we will help you find the right model with the right power, charging, battery, etc.

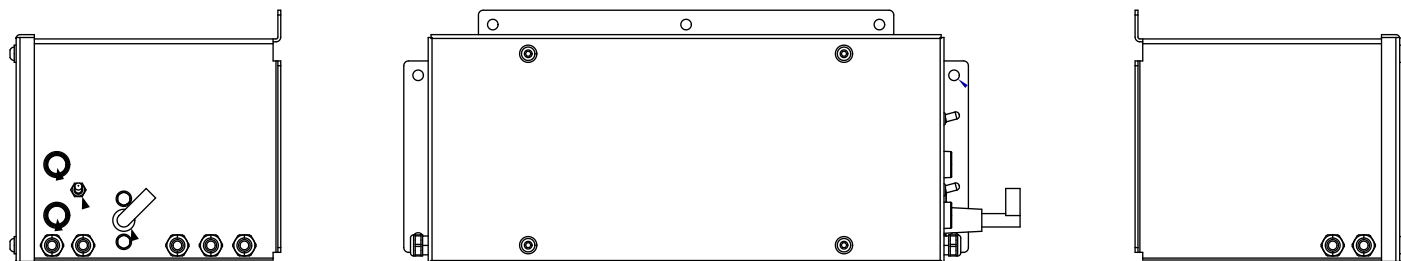
Function ↓ (electric eller hydraulic)	Model →	Midi	Maxi	Maxi XL Maxi XL Vibra	Maxi XL HyCover	Maxi XL Hydro Comp	Magnum Split/Frame	Hydro	Magnum Frame HydroFrame
Parking light		x	x	x	x	x	x	x	x
Radio/remote control		x	x	x	x	x	x	x	x
Strobe light		-	x	x	x	x	x	x	x
Courtesy light		-	x	x	-	x	x	x	x
Work light		-	x	x	x	x	x	x	x
Power		-	-	x	x	x	x	x	x
Heating system		-	-	x	-	x	x	x	x
Electrical vibrators		-	-	x	-	-	-	-	-
Tail lifts		-	-	-	-	-	x	-	-
Trailer cover Ängsgården		-	-	-	x	-	-	-	-
Double floor		-	-	-	-	-	x	-	-
Ramps		-	-	-	-	x	-	x	x
Drawbar		-	x	x	x	x	x	x	x
Pneumatic valves		-	x	x	x	x	x	x	x
Hydraulic equipment		-	-	-	-	x	-	x	x
Electronic equipment		-	x	x	x	x	x	x	x
Battery Disconnect		-	-	x	x	x	x	x	x
1-axel steering		-	-	-	-	x	-	x	-
2-axel steering		-	-	-	-	-	-	-	x
Max simultaneous Watt outtake	100	270	270	270	270	270	270	270	270
Max outtake in Amp, Solenoid	-	-	1x<100	-	1x<100	1x<300	-	-	-
Max outtake in Amp, Relä	-	-	1x<50	-	1x<50	1x<50	-	-	-
Hydraulic motor Power in kW	-	-	-	-	2	-	2,4/4,5	3	
Battery capacity Ah*	18	45	45	45	45	120-200	120-200	150	
Charging A**	5	10	10 (20)	10	10 (20)	10 (30/45)	10 (30)	10 (45)	
Volt	24	24	24	24	24	24	24	24	24

\* On Magnum, Magnum Split, Magnum Frame and Hydro you can choose 120Ah, 150Ah or 200Ah batteries.

\*\* The value in brackets is what can be ordered as an option, a total of 20A or 30A. 45A charging applies only to Magnum Frame.

## P-LIGHT - Dimensions and weights

- Key dimensions when installing and assembling



P-LIGHT Model	Battery/Engine Ah/kW	Length mm		Width mm	Height mm		Weight about kg
		without bracket	with bracket		without bracket	with bracket	
P-LIGHT Midi	18Ah	210	260	240	190	210	20
P-LIGHT Maxi	45Ah	430	490	250	230	260	45
P-LIGHT Maxi XL	45Ah	530	590	280	230	260	50
P-LIGHT Hydro Comp 7L	-/2kW	590	630	330	272	295	20
P-LIGHT Magnum 680	120Ah	680	440			290	100
P-LIGHT Magnum 680	150Ah	680	480			290	120
P-LIGHT Magnum 880	150Ah	880	440			290	125
P-LIGHT Magnum 880	200Ah	880	480			290	160
P-LIGHT Magnum Splitt	excl. batteries	215		330	145		10
P-LIGHT Magnum Frame 435	120/150ah	690	809	495	306		125/150
P-LIGHT Magnum Frame 567	200Ah	690	809	626	306		200
P-LIGHT Hydro 880	120Ah	880		440	290		130
P-LIGHT Hydro 1080	150Ah/2,4kW	1080		440	290		150
P-LIGHT Hydro 1080	150Ah/4,5kW	1080		466	290		160
P-LIGHT Hydro 1080	200Ah/2,4kW	1080		478	290		170
P-LIGHT Hydro 1080	200Ah/4,5kW	1050		478	290		175
P-LIGHT Hydro 1250	200Ah/4,5kW	1250		481	292		180
P-LIGHT Hydro Comp m tank		590	630	375	240	260	50

P-LIGHT Batteries	Capacity Ah	Length mm	Width mm	Height mm	Weight kg
PL2170 P-LIGHT Batteri	18Ah	180	75	165	6,5
PL2450 P-LIGHT Batteri	45Ah	197	165	171	15
PL 2512 P-LIGHT Batteri	120Ah	410	176	227	38
PL2515 P-LIGHT Batteri	150Ah	485	172	240	47
PL2520 P-LIGHT Batteri	200Ah	522	238	223	65

## P-LIGHT Support

- Accessibility, documents and information



Welcome to the P-LIGHT support page, here you will find frequently asked questions and answers and most documents for the different models.

We update this page with information and documents on an ongoing basis. Make a habit of visiting the page and checking for answers when you get questions about P-LIGHT. If you do not find the answers here or want more information, you are always welcome to contact us.

When you contact us, it helps if you have a serial number and model details to hand so we can help you with the right answer as smoothly as possible.

**Website: [support.p-light.com](http://support.p-light.com), E-mail: [support@innonet.se](mailto:support@innonet.se), Phone Support +46 472-483 93**

## P-LIGHT Service and maintenance

- Servicemanual



P-LIGHT has been on the market since 2000, and has always been known for its long service life and reliability.

But the best can always get better, so a service manual is provided with each P-LIGHT that will make it easier for your users and the workshops that handle service and maintenance of the vehicles. It contains recommendations on what should be done and when.

It will be a good complement to the installation manual when you carry out service and maintenance on P-LIGHT.

The service manual contains service protocols and space for documentation of comments and measures.

### Terms of sales

Prices:	In EUR excl. VAT.	Return of goods:	Products may be returned subject to our approval and according to our return instructions.
Delivery time:	Midi and Maxi: In stock, normally 2-4 days, larger quantities approximately 2 weeks. Maxi XL, Magnum and Hydro: 2-5 weeks. Spare parts: For orders received before 11:00 a.m., normally the same day or in other cases the following working day.	Complaints:	Complaints must be made in accordance with our procedures using the correct forms that you order from our support service.
Delivery terms:	Ex. Works From our factory in Vislanda.	Warranty:	If under guarantee, the complaint form must be completed and sent together with pictures to <a href="mailto:support@innonet.se">support@innonet.se</a> .
Payment terms:	Advance payment or 30 days net, subject to credit approval. Interest on arrears is charged at 2% monthly.	Price list:	This price list takes effect on 01-10-2021 and applies until further notice, and replaces previous price lists, quotes and agreements.

**For all terms and conditions of sale and general delivery regulations, please refer to separate documents on [www.innonet.se](http://www.innonet.se)**



**P-LIGHT is a registered trademark owned by InnoNet AB**

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Reseller/Workshop/Builder

## P-LIGHT - Contact

Sales - Support - Order

### Technical sales

Phone: +46 472-483 89

E-mail: [sales@innonet.se](mailto:sales@innonet.se)

### Support

Phone: +46 472-483 93

E-mail: [support@innonet.se](mailto:support@innonet.se)

### Order

Phone: +46 472-483 83

E-mail: [order@innonet.se](mailto:order@innonet.se)

**See our website - [support.p-light.com](http://support.p-light.com) - for support and technical information.**

Sold, mount and serviced by most bodybuilders and workshops and sold by established dealers of spare parts and accessories for heavy vehicles.