

## FS Future Series



## OKM Power Pack

Model: PP12V3A01

Please read these instructions before using the  
Power Pack!

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OKM GmbH

Julius-Zinkeisen-Str. 7, 04600 Altenburg, Germany

Tel: +49 3447 4993000 \* Fax: +49 3447 49930029

Internet: [www.okm-gmbh.com](http://www.okm-gmbh.com)

## **1. General safety and usage instructions**

Use the delivered charger PC19V3A01 only with the Power Pack PP12V3A01. The Power Pack must only be used for technical devices of the manufacturer OKM.

- Use only the original delivered charger!
- The charger and the Power Pack must only be used for the purposes specified!
- Charge the Power Pack before using it for the first time!
- If not used regularly the Power Pack must be charged every 3 month, to prevent damages due to total discharge!
- Always charge the Power Pack completely!
- Inspect the connection cable before usage regarding mechanical damages!
- Use only faultless devices whose casing and cables are not damaged!
- Ensure that the Power Pack is kept safely out of the reach of children! It may cause dangers which children are not able to recognize!
- Always carry the Power Pack on the casing! Do not pull on the cable!
- Never operate the charger and Power Pack in a damp or wet environment!
- Maintenance and repair must only be carried out by qualified personnel of the manufacturer OKM!

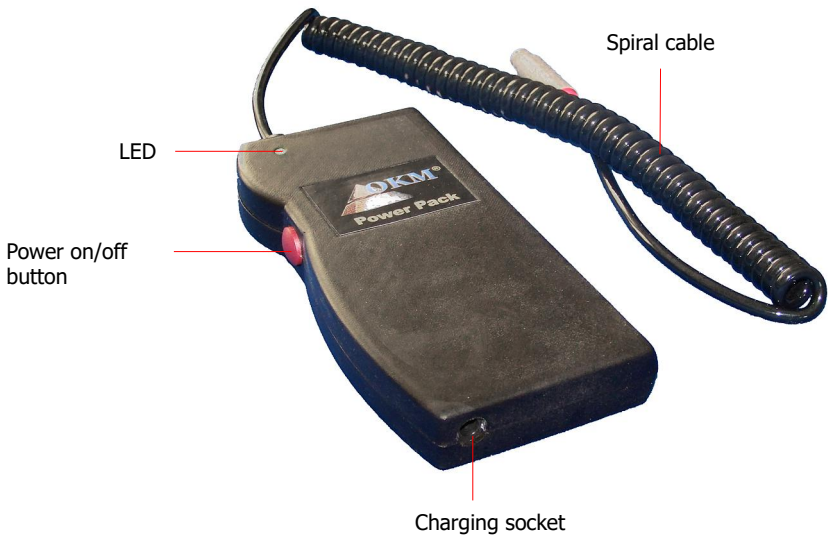
## 2. Delivery kit

The scope of delivery of the Power Pack includes:

- 1x Power Pack, Model: PP12V3A01
- 1x Charger, Model: PC19V3A01
- 1x Traveling adapter

## 3. Usage of the Power Pack

The Power Pack is used as an mobile power supply for technical devices of the manufacturer OKM. There is no other application designated.



To turn on and off the Power Pack you can find the Power on/off button on the side.

To turn on the Power Pack, the button should be pressed until the LED is shining. If the Power Pack cannot be powered on, it is possibly too much

discharged and charging is required (see section 6).

To power off the Power Pack the power on/off button must be pressed for a longer time. During this time the Power Pack gives permanently a signal tone, which should warn you for an unmeant powering off. Keep pressing the power on/off button for so long until this signal tone disappears and the LED lamp goes out. This process takes about 5 seconds. If you stop pressing the power on/off button before this time, the Power Pack will not power off and will stay powered on.

#### ***4. Charge state and monitoring of the Power Pack***

When the Power Pack is powered on, the integrated LED lamp will indicate the charge condition. Depending on the condition of charge it will change its color. A fully charged Power Pack will be indicated in green color and a discharged Power Pack in red color.

If the charge state of the Power Pack is in a critical base condition, this will be indicated through the flashing of the LED. It is advised to recharge the Power Pack immediately with the delivered charger, like explained in section 6.

If you continue to work in spite of this critical charge condition, an additional acoustic signal will sound after a while which indicates the low battery status. After the fourth warning signal the Power Pack will be powered off automatically to avoid a total discharge.

#### ***5. Total discharge protection of the Power Pack***

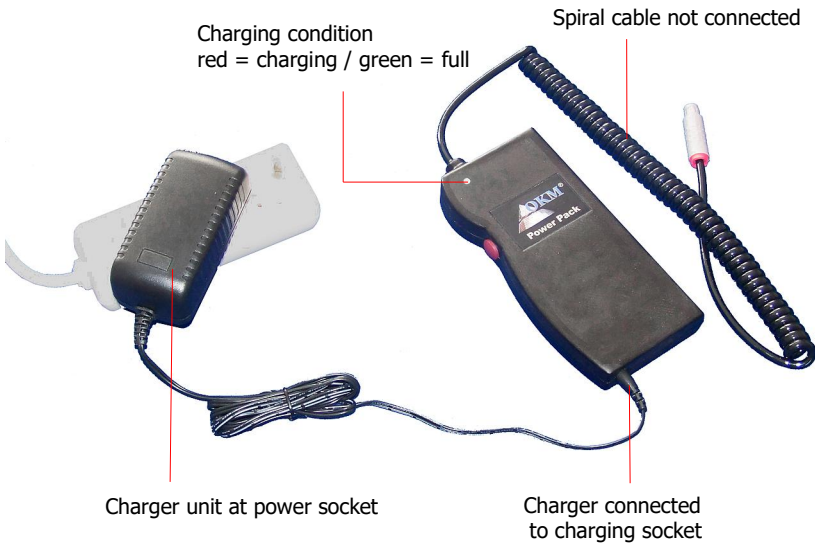
If the Power Pack is discharged to much, it will power off itself after one minute. This automatic power off function will be indicated by 4 acoustical alarm signals and a blinking LED. After this emergency cutout the Power Pack cannot be powered on again. It must be recharged completely (see section 6).

If the Power Pack is not used for a longer time, it will discharge itself continuously. This discharging will be observed and the Power Pack will

signalize when the charge state is too low with acoustical alarm signals every 8 seconds. Then the Power Pack should be connected as fast as possible to the charger, to be charged and to avoid a damage.

## 6. Charging the Power Pack

To charge the Power Pack use only the delivered charger. Take care that during the charging process the Power Pack is powered off. Connect the cable of the charger to the charging socket of the Power Pack and plug in the charger into the power socket. If needed you can also use the delivered traveling adapter.



During the charging process of the Power Pack, the LED is shining red continuously. As soon as the LED shines green, the Power Pack is charged completely and must be disconnected from the charger.

The time of charging depends on the actual charging condition. If totally discharged the charging time takes about 3 hours.

It is recommended always to charge completely the Power Pack, to keep the full capacity of the Power Pack for a long time.

## ***7. Malfunction and failure***

The Power Pack is fit up with a excess-current cut-out. If there arise any failure during the usage, a warning signal will sound and the Power Pack will power off automatically. You can use the Power Pack again as usual after repair of this error.

Possible reasons for malfunction can be for example:

- faulty or defective connection cable
- short-circuit or similar defect in the technical end device

## ***8. Maintenance and cleaning***

Power off the Power Pack before cleaning it and remove the connecting cable of the charger.

To clean the Power Pack, use a soft dry cloth. To remove stubborn dirt, use a cloth only slightly moistened with water.

Caution: Do not use solvents to clean the Power Pack or the charger!

## ***9. Disposal & environment protection***

Do not drop the Power Pack in the garbage. As user you are beholden to give back used batteries. You can hand out your old batteries to all official collecting points or where such batteries are sold.

Ask your dealer in case of any questions!

## 10. Technical specification

Technical specifications are subject to change to incorporate technical improvements!

Power Pack	Charger
Lithium Polymer Accumulator	Wall mount power supply
Output voltage: 12,7 V DC	Input voltage: 100 V – 240 V AC
Output current max.: 3 A	Input current max.: 1.2 A
Capacity: 4400 mAh	Mains frequency: 50/60 Hz
Weight: 605 g	Max. power consumption: 120 W
Dimensions (WxHxD): 90 x 190 x 25 mm	Output voltage: 19 V DC
	Output current max.: 3.16 A
	Weight: 260 g
	Dimensions (WxHxD): 55 x 110 x 40/75 mm