

**POWER**plus<sup>®</sup>

**DYNAMO  
BICYCLE LIGHT  
FLASHLIGHT & CHARGER**



CE ROHS<sup>+</sup>

SWALLOW

# The POWERplus® Swallow DYNAMO BICYCLE (FLASH)LIGHT/CHARGER



Easy and safe cycling in the dark; never run out of batteries!

The POWERplus® Swallow is a complete bicycle lighting system with front- and backlight.

Simple wind up the main (front) unit and click in the holder. You then have bright front and backlight for safe cycling in the dark.

Not just a cycling system the Swallow can be used as a charger for mobile phones. The Swallow comes with a Nokia cable. Adapters for other phone and mobile devices are available at [www.powerplusadapter.com](http://www.powerplusadapter.com)



Complete bicycle lightning system



2 in 1 Bicycle and Flashlight



Flashing function

## Technical details

Item	Parameter	Unit
<b>Maximum brightness</b>		
3 LED front light	110.000	MCD
3 LED	9	LM
<b>LED lifetime</b>		
3 LED	50.000	Hour
<b>Shine time</b>		
<i>After 1 minute of winding</i>		
Front and taillight intense shining	8	Minutes
Front and taillight flashing	18	Minutes
Headlight intense shining	12	Minutes
Headlight flashing	4	Hours
<b>Talk time</b>		
<i>After 1 minute of winding</i>		
Standby time	2-8	Minute
<i>After 3 minute of winding</i>		
Shine time fully charged	20-30	Minute
Front and taillight flashing	50	Minutes
	5	Hours
<b>External charger</b>		
Voltage output	5.6	Volt
Max. power output	2.5	Watt