

**APS 5 charger** is designed to charge APS 5 rechargeable batteries used with PULSAR thermal imaging devices and supports USB Power Delivery fast charging technology using a standard charging kit (USB Type-C cable, power adapter).

### PACKAGE CONTENTS

- APS 5 charger
- Power adapter
- USB Type-C Cable
- Operating Manual







### TECHNICAL SPECIFICATIONS







SKU	79182
Power adapter input voltage	100-240 V ~ (110 V for US)
Power adapter output voltage/current	5 V $\equiv$ 2 A; 9 V $\equiv$ 3 A
Charging voltage/current	5 V $\equiv$ 2 A; 9 V $\equiv$ 3 A
Rated output voltage	4.2 V $\equiv$
Battery compatibility	APS 5
Charging temperature range	0°C...+35°C (+32°F...+95°F)
Dimensions	77 x 35 x 52 mm (3 x 1.5 x 2.05 inches)
Weight	0.13 kg

Improvements may be made to the design and software of this product to enhance its user features. The current version of the Operating Manual can be found on the website [www.pulsar-vision.com](http://www.pulsar-vision.com)

### BATTERY CHARGING:

- Insert the battery\* (1) along the guide to the stop into the APS 5 charger slot (4) (see Fig.).
- Connect the plug of the USB Type-C cable (7) to the USB Type-C connector of the power adapter (3). Plug the power adapter into a socket 100-240 V (6) (110 V socket for US).
- Connect the other end of the USB Type-C cable to the USB Type-C connector (5) of the charger (4).
- LED indication (2) displays battery charging level (see Table).
- Two batteries can be charged at the same time: the second slot is designed for it.

LED indication (2) in battery charging mode	
	Battery level is from 0% to 25%
	Battery level is from 26% to 50%
	Battery level is from 51% to 80%
	Battery level is from 81% to 99%
	The battery is fully charged. It can be disconnected from the charger.
	Defective battery. It is forbidden to use the battery.

LED indication (2) in standby**	
	Battery level is from 0% to 25%
	Battery level is from 26% to 50%
	Battery level is from 51% to 80%
	Battery level is from 81% to 99%
	The battery is fully charged. It can be disconnected from the charger.
	Defective battery. It is forbidden to use the battery.

\* Purchased separately or supplied as package contents of a device.

\*\* Standby mode – an operating mode in which batteries are inserted into the charger, but the power adapter is not connected. In this mode, the indication is on for 10 seconds.

**Attention!** When using a power adapter that does not support USB Power Delivery fast charging technology, the flicker frequency of LED indicators decreases by 3 times and charge time increases.

**Attention!** The charger heats up during fast charging. Excess heat is removed through the radiator and does not affect the device operation.

### PRECAUTIONS:

- Always use this charger or APS 5 charger supplied with the device to charge APS 5 batteries. Using the unsuitable charger can cause irreparable damage to the battery and fire.
- **Do not charge the battery immediately after bringing it from cold to warm. Wait at least 30 minutes for the battery to warm up.**
- Do not leave the battery unattended while charging.
- Do not use the charger if it has been modified or damaged.
- Do not leave the battery in a charger connected to the network after charging is complete.
- Do not expose the battery and charger to high temperatures and naked flame.
- Do not disassemble or deform the battery or charger.
- Do not drop and strike the battery and charger.
- The charger is not designed to be immersed in water.
- Keep the charger out of the reach of children.

### RECOMMENDATIONS FOR USE:

- The battery is to be charged at an ambient temperature of 0 °C...+35 °C (+32°F...+95°F). Otherwise, lifespan of the battery will decrease significantly.
- Do not use the charger at temperatures outside the range of 0°C...+35°C (+32°F...+95°F).

