

USING THIRD-PARTY BATTERIES WITH CALIBRY 3D SCANNERS

At customers' discretion, a third-party power-bank can be used to operate a Calibry 3D scanner.

IMPORTANT: technical requirements are advisory in nature. Repairs are not covered by warranty if the device is damaged due to use of a third-party power-bank.

TECHNICAL REQUIREMENTS FOR BATTERY POWER SUPPLIES FOR CALIBRY SCANNER

1. The output voltage. Direct current voltage: 12 volts +/-3%. Other voltage supply (for example, 9 or 15 volts) is unacceptable and leads to failure of the device. Maximum ripples and noise of the supply voltage should not be more than 100 mV.

2. Scanner power connector. Barrel Connector, the outer diameter is 5.5 mm (OD (0.217")), the internal diameter is 2.1 mm (ID (0.083")), Contact Mating Length 0.374".

3. The polarity of the power. "+" internal pin, "-" jack.

IMPORTANT! If polarity is not observed, the scanner will not operate correctly.

4. The current given by the battery power source: from 3 Amps (power from 36 watts).

IMPORTANT! Although the scanner consumes an average of 12 W of power, the consumption pattern is pulsed due to the use of a flash, so using a power source less than 36 W can trigger the built-in overload protection, which, accordingly, can lead to failure in the scanner.

5. The recommended battery capacity is 30 watts-hour (Wh). Capacity of 30 watts-hour is enough for 2.5 hours of continuous operation in scanning mode.

6. Battery packs must be operated in accordance with the manufacturer's recommendations / instructions. This applies to all issues regarding the method of charging, storage, transportation, operation and disposal. It is recommended that lithium-ion batteries should be kept in specialized refractory covers to prevent fire.