

Section 10 — Specifications

Type of Protection against Electrical Shock

Class II, Internally-powered Equipment

Degree of Protection against Electrical Shock

Type BF

Mode of operation

Continuous or programmed dose operation (dose)

Degree of Protection against Ingress of Fluids

Pump: Water-jet proof (IP26) per IEC 60529

Power Adapter: No protection against fluid ingress

Power

Pump: Use the provided power adapter for wall outlet usage.

Caution: Use only Kangaroo™ Connect power adapter when powering the pump with power from an A/C outlet.

The specifications for the Kangaroo Connect power adapter are as follows:

- Input: 100-240 V~, 50-60 Hz, 1.0A (1.0 A – 0.5 A)
- Output: +5 V, 4.0 A

Battery

A new, fully charged Kangaroo Connect lithium-ion battery pack delivers ~24 hrs of battery life at 125 mL/hr feed rate (when using the Power Save Mode).

At the intermediate flow rate of 50 mL/hr, the pump provides ~26 hrs of battery life (when using the Power Save Mode). At the maximum flow rate of 600 mL/hr, the pump provides ~19 hrs of battery life (when using the Power Save Mode).

At around 30 minutes prior to complete battery discharge, a Battery Low notification will occur. The Battery Low notification will continue every ten minutes before the battery goes dead. Three minutes before the battery loses charge, you will be alerted by a Dead Battery alarm. Upon receiving either the notification or the warning, be sure to plug the pump into the nearest power outlet to ensure continued pump operation. If powering the pump from an A/C outlet does not restore charge to the battery pack, the battery pack is no longer functional and should be replaced by a qualified technician. Please contact Customer Service for servicing a dead battery.

The battery will charge continuously whenever the pump is plugged into a wall outlet. 7 hours of charging is required to fully recharge the battery pack. Note: The pump can continue to be used in normal operation while the battery is recharging. The expected service life of the Kangaroo Connect battery is 3 to 5 years of life, depending on usage. As with all rechargeable batteries, a high number of charge/discharge cycles or high temperature usage will result in some reduction in battery life. The specifications for the battery pack inside the pump are as follows:

- Lithium Ion Rechargeable Battery Pack
- Nominal Voltage = 3.6V
- Charge Voltage = 4.2 V
- Maximum Charge Current = 1200 mA
- Maximum Discharge Current = 1200 mA
- Nominal Capacity: 2950 mAh

Alarms

System Error

Feed Bag Empty

Supply Tube Blocked

Patient Tube Blocked

Cassette Dislodged

Cassette Error

Rotor Stuck

Dead Battery

Notifications

Feeding Complete

Feeding Incomplete

Low Battery

Pump Inactive