Ni-Cd Aviation Battery
F 20/40 H1CT

For over 75 years, Hawker® safety plus power Ni-Cad batteries have been manufactured using Sinter/Sinter electrodes designed to deliver high power and high energy density. These batteries have a long-proven service life.

Very long storage period and service life, operational efficiency and reliable electrical performance can be highlighted as major advantages of this battery type for helicopter applications of our customers. This battery type is successfully operated aboard hundreds of helicopters of EC135 and BK117 types.

Facts at a Glance

Type Number:	33490409206(01)
Part Number:	2316002-01

Technical Data

Voltage, V:	24
Capacity, Ah:	40
Dimensions, mm:	L 275 W 300 H 1260
Weight, kg:	37
Operating Temp:	-40°C to 70°C
Main Connector:	MS 3509
Approval:	EASA 21O.10059979 (20.320/15 TS)

Hawker® Aviation Batteries are OEM approved and can be used aboard: Eurocopter EC135 and Dornier DO-328

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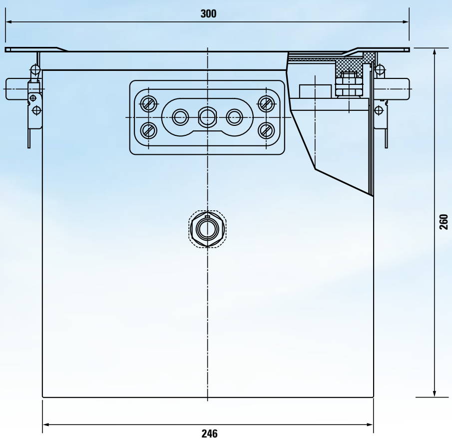
Ni-Cd Aviation Battery
F 20/40 H1CT

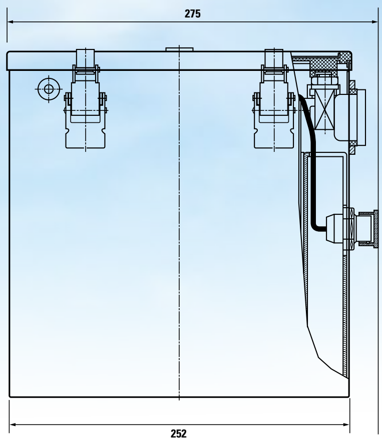
Product Data	
Technology	Ni-Cd
Model	F20/40 H1CT
Type Number	33490409206(01)
Part Number	2316002-01
Nominal Voltage	24V
I_{pp}	1800 A
I_{pr} (25°C)	1500 A
Length (mm)	275
Width (mm)	300
Height (mm)	260
Typical Weight (kg)	37 kg
Operating Temperature	-40°C to +70°C
Main Connector	MS 3509
Approval	EASA 21O.10059979 (20.320/15TS)

HAWKER® airborne batteries are used for:

- Starting engines or APUs
- Operations on ground and in flight
- Emergency back up

Dimensions





Features & Benefits

- Low internal resistance allows a high current discharge, giving excellent power output for Auxiliary Power Unit (APU) operating in temperatures between -30°C and +70°C
- High capacity at low temperatures and rapid recharge with constant voltage to 100% capacity ensures exceptional reliability even in emergency conditions
- Initial high current and a constant voltage supply, resulting from Hawker's exclusive technology of thin electrodes with a very low internal resistance, delivers optimum charge during flight
- The specially designed separator material remains stable even in high temperatures, ensuring a high level of safety and producing no 'thermal run-away'. (Overcharging tests [28,5 V / 50 °C / 500h] show no defects to the separator material as well as to the complete cells)
- Optimum storage conditions of +10°C to +35°C and 45% to 75% humidity facilitate a long life expectancy
- The cell design, with its high electrolyte content, gives rise to very low levels of self-discharge
- Low water consumption, a plentiful supply of electrolyte and no decrease in useable capacity

EMEA/APAC-EN-DS-HAW-F20/40H1CT-0825

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