EnerSys®
Power/Full Solutions

HAWKER®

Ni-Cd Aviation Battery
F 20/40 H1CT2 (P)

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. Numerous operators of the Pilatus airplanes have proved this over the years.

Facts at a Glance

Type Number:	33490409201(01)
Part Number:	2315955-01

Technical Data

Voltage, V:	24
Capacity, Ah:	40
Dimensions, mm:	L 275 W 300 H 260
Weight, kg:	37
Operating Temperature:	-40°C to 70°C
Main Connector:	MS 3509
Approval:	EASA 21O.10059979 (20.320/15 TS)

Batteries are OEM approved and can be used aboard: Pilatus PC-9

Visit us at **www.enersys.com/aviation**

Ni-Cd Aviation Battery
F 20/40 H1CT2 (P)

Product Data	
Technology	Ni-Cd
Model	F20/40 H1CT2 P
Type Number	33490409201(01)
Part Number	2315955-01
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)

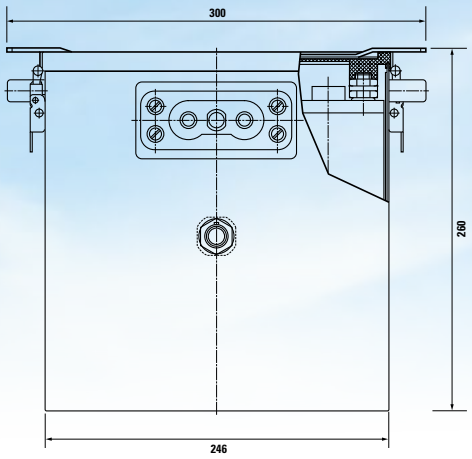
HAWKER® airborne batteries are used for:

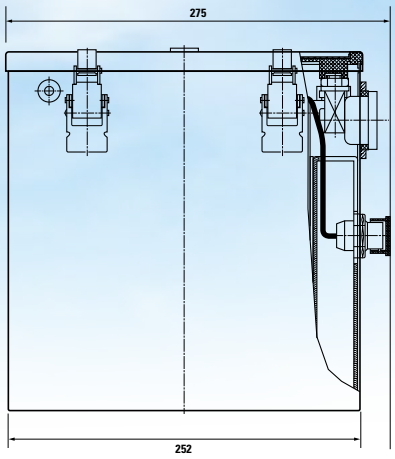
- Starting engines or APUs
- Operations on ground and in flight
- Emergency back up

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

Dimensions





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