

Ni-Cd Aviation Battery 20FP25 H1C R

For over 90 years, Hawker® safety plus power Ni-Cad batteries have been manufactured using electrodes designed to deliver high power and high energy density. These batteries have a long-proven service life.



Facts at a Glance

Type Number: 3349025940(01)
Part Number: 2315371-01

Technical Data

Voltage, V:	24
Capacity, Ah:	25
Dimensions, mm:	L 363 W 174 H 226
Weight, kg:	24.5
Operating Temp:	-50°C to 71°C
Main Connector:	Russian Type
Certification:	EASA 21O.10059983 (20.320/22 TS))

Hawker® Aviation Batteries are OEM approved and can be used aboard: Anotonov, Ilyushin, Kamov, Sukhoi, Tupolev and Yakovlev platforms.

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 and fixed wing applications of our customers. This battery type is successfully operated aboard of numerous aircrafts manufactured by leading Eastern European aviation OEMs.



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Ni-Cd Aviation Battery 20FP25 H1C R

Product Data

Technology	Ni-Cd
Model	20FP25 H1 R
Type Number	3349025940(01)
Part Number	2315371-01
Nominal Voltage	24V
I_{pp}	1250 A
I_{pr} (25°C)	1025 A
Length (mm)	363
Width (mm)	174
Height (mm)	226
Typical Weight (kg)	24.5 kg
Operating Temperature	-50°C to +71°C
Main Connector	Russian Type
Certification	EASA 210.10059983 (20.320/22TS)

Features & Benefits

- Low internal resistance allows a high current discharge, giving excellent power output for Auxiliary Power Unit (APU) operating in temperatures between -50°C and +71°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

HAWKER® airborne batteries are used for:

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

Dimensions

