

Part number, manufacturer or keyword

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Saft 414429 Battery Nicad,W/Cvh150Kh Cell

USD \$5,773.44 ea

Saft Batteries

Part # 414429=23 Mfr. Part # 414429

The 151CH1 Saft nickel-cadmium battery consists of a box (020), containing 20 individual cells CVH150KH. These cells are connected in series to obtain 24 V nominal. Individual cells are enclosed in a polyamide container that provides insulation, allowing them to be fitted side-by-side in the battery box. Interconnection of cells is via rigid, highly conductive, nickel-plated copper links (130 to 150). Each link is held in place by nickel-plated copper nuts (100) on the cells's terminals. Inside the battery box, individual cells are held in place by partitions, liners and spacers (220), and a cover (030). The terminals (110) connects the battery to the aircraft DC power.

NOTE: ALL NICAD BATTERIES ARE UNCHARGED

[Click here to find closest Boeing distribution maintenance or repair location.](#)

Features

The batteries are connected to the aircraft system:

- According to the aircraft manufacturer, to start the engine or the APU.
- On the ground, to provide power before electrical power is supplied to the aircraft systems.
- In flight, if a malfunction or a failure occurs in the power supply system.
 - Type of cells : CVH150KA
 - Number of cells : 20
 - Nominal voltage : 24 V
 - Rated capacity C1Ah (Ah) : 15 Ah
 - Charge or discharge current 1 C1A : 15A
 - Charge current 0.5 C1A : 7.5 A
 - Charge current 0.1 C1A : 1.5A
 - Electrolyte : Solution of KOH
 - Electrolyte level (mm) : 20 mm (0.79 in)
 - Consumable volume of electrolyte per cell : 15 cm3 (2.44 in3)

0 on-hand in Singapore

1 Available Stock ?

QTY 1

Safety Data Sheets:

Region Language

- End of charge voltage : 1.55 V / per cell
- End of life criterion in % : 100%
- End of life criteria in hour or minutes : 1 hour
- Battery maximum weight : 15.2 kg (33.5 lbs)
- Battery terminals : Two M8 terminals

Benefits

- The battery is charged on the aircraft by an on-board charger.
- The charge control thermistor provides a signal to the charger to compensate the charge according to the battery temperature.
- The thermostat will cut off the charger if the battery temperature exceeds a safe operating limit.
- The battery plates store electrical power supplied by a charging source, and supply power when the battery is connected to a load circuit, i.e. when it discharges.

Aircraft Applicability

- Airbus Helicopters (Eurocopter) : EC120 / EC130 / AS350 / AS355

Related Products

ATA 300 Spec Shipping Container :

- BTA-M4-31

For more information on the battery parts, please see below an illustrated Parts List with data of components. Click on the parts to buy them separately

Item #	Mfg Part Number	Description	Qty
001	2778-1	"BATTERY VHP270KH-3 2778-1	RF
010	411287	. Box and cover, complete	1
020	166459	. . Box assembly	1
030	114300	. . Cover, complete	1
040	102295	. . . Cover, assembly	1
050	113605	. . . Gasket cover	1
060	413609	. Plate, SAFT label	2
065	413611	. Plate, range label	2
070	411108	. Plate, identification	1
080	166309	. Plate, filling instruction	2
090	166314	. Plate, amendment	1
100	411941	. Liner-spacer kit	1
210	100392	. Connector, complete	1
220	166925	. Protector	1

230	100431	. Screw, M4-10	4	▼
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NSN	Cage Code	Country of origin France	ECCN / USML EAR99	Schedule B 8507300000
Dimensions (L x W x H) 18 x 13 x 15.25 IN	Total Shelf Life (days) No Information	Hazmat Code Hazmat fees or exemptions may apply.	Package Weight 36.21 LB	FAA Approval Code EASA
ISBN	Condition	Color	Brand	Hazmat(Y/N) Y
LTL(Y/N) N	8130-3 Eligible No			

Item Replacement History

Part Number: [151CH1](#) USE 414429=23,

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