

Silver Start Aircraft Battery



Silver Start on-board aircraft batteries employ Pure Lead-Tin, Thin Plate technology for high-performance. These Valve Regulated Lead Acid (VRLA) batteries are designed using Absorbent Glass Mat (AGM) separators that render the batteries spill-proof for aerobatic use. The use of AGM separators in combination with self-resealing, pressure-regulating valves and a starved electrolyte design enable recombination of gases generated during normal operation. This eliminates the need for electrolyte top-up.

Pure Lead - Tin,
Valve Regulated
Lead Acid Monobloc

SS28300

The SS28300 is a 24V, 28Ah@5hr battery consisting of two 12V blocks connected together in series. This battery is used for on-board aircraft starting and for providing emergency backup in case of generator failure.

The SS28300 battery is available with or without the battery box in various configurations depending on the requirements of the specific helicopter/aircraft:

Battery Type	Application	Number of batteries per helicopter or aircraft
SS 28300 MI	MI 8 Helicopter	6
	MI 17 Helicopter	3
SS 28300 AN	AN 32 Aircraft	3
SS 28300 IS	Iskara Aircraft	2

The SS28300 battery is also suitable (with minor modifications of battery box) for use on

- MI-14, MI-24 (MI-35)
- AN-22, AN-24, AN-26
- IL-38

Silver Start batteries are delivered fully charged and are ready for immediate use. These batteries are a replacement for the Russian 12CAM28 dry charged lead acid battery.

Conformance Standards

Silver Start batteries conform to the MIL 8565J standards.



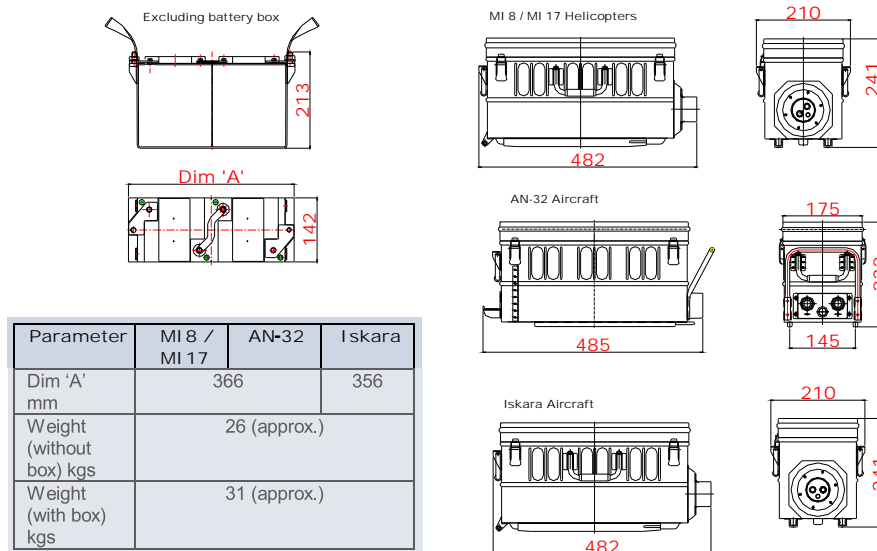
Features:

- Excellent high rate capability (>1000 A)
- Wide operating temperature range (-40°C to +50°C)
- Maintenance-free and spill-proof for aerobatic use
- High energy density leading to reduced weight
- High charge retention leading to long storage life
- UL approved flame-retardant ABS containers and lids for safety
- Superior raw materials for good performance and life

Performance:

S.No.	Performance Parameter	Performance
01	Rated capacity at 'C ₅ ' rate at 25°C	28 Ah to 21V (1.75 V/cell)
02	Capacity at 28A current to 21 Volts a) Normal Temperature (25°C) b) Low Temperature (-5°C)	18 Ah 14 Ah
03	Number of engine starts at 25°C	4 starts in 1 st year 3 starts in 2 nd year
04	Number of engine starts at -5°C	2 starts
05	Number of engine starts at -18°C	1 start

Dimensions & Weight :



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HBL Power Systems Limited

Road # 10, Banjara Hills, Hyderabad - 500 034. INDIA

E-mail: contact@hbl.in

www.hbl.in