

AIRPORT EQUIPMENT



100% Electrical Aircraft Starting Unit

The 2026 new generation is specifically designed to meet the starting power requirements of airports and large maintenance centers.

The 28V cells (30.1VDC full charged) unit perform quick and strong engine or APU starts. Starting with 30V voltage and high-capacity batteries also increase the turbine longevity.

This **MEGABOOST AVIATION GPU** range of powerful starting units is particularly appreciated for its faster spool-ups and cooler starts. The high capacity of the batteries allows for multiple starts between recharges. This high capacity also provides a reasonable reserve of power for flight preparation.

This product line is suitable for most of 28V business jets and helicopters.

The **MEGABOOST AVIATION** Heavy Duty Starter Units are fitted with the sealed lead acid, thin-plate technology batteries to achieve exceptionally high performance, energy density, reliability, and long, low-maintenance service. These units are used in maintenance hangers, airports and heliports, and are greatly appreciated by the aircraft owners in the private sector.

AVANTAGES

- Silence
- ZERO emission
- 100% electric
- High Quality and Powerful US batteries
- Low operating cost (only electricity)
- Easy to use
- Very good reliability



SPECIFICATION	SD285-260	SD285-380	SD285-500	SD285-630
Battery Capacity (20hrs rate)	252Ah	378Ah	504Ah	630Ah
Output Voltage (fully charged)	30,1VDC			
Starting Current (PHCA in 5sec)*	4500A	6750A	9000A	11250A
Peak Current **	10000A	15000A	20000A	25000A
Charger	50A	100A	100A	100A
Input Voltage	90VAC to 230VAC/50Hz			
Input Current / Input Plug	16A / 3pins -16A			
Output cable	3M (2 x 50mm)			
Optionnal output cable 5M	YES			
Aircraft Plug	Heavy Duty Rubber Nato plug			
Enclosure IP	IP55			
Operating Temperature	-40°C to +50°C			
Length mm (With Trolley)	1200			
Width mm (With Trolley)	800			
Height mm (With Trolley)	1270			
Weight Kg (With Trolley)	263	458	549	640
Trolley type	Solid towable trolley with brake			

*PHCA (Battery Manufacturer data) - ** Short Circuit Current - Specifications are subject to change without notice



MEGABOOST brand is registered by BV CORPORATION



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