

# Next generation of Jump Starter for the Aviation Industry

 **ALWAYS READY**

 **LIGHTWEIGHT  
& PORTABLE**

 **WHS COMPLIANT**

 **AUSTRALIAN MADE**



## This Jump Starter will jump your airfleet all day long

Designed, developed and manufactured by Durst Industries, the Hypastart Air series of professional jump starters are Australian made and built with durable, brushed aluminium frame providing a versatile lightweight unit, compliant with WHS regulations.

Hypastart AIR is designed for the Aviation Industry with unique features specifically aimed at professionals working with fixed wing and rotary aircraft. This model is perfect for field and hanger operations where reliable lightweight starting equipment is a must.

The Hypastart AIR range differ from other Hypastart models in the way of build, durability and reliability. The AIR models are manufactured with extra heavy duty internal components and specialised braided wiring looms ensuring reliable high efficiency starts when you need it most.

Hypastart AIR is available in 12/24V and 12,24,26,28V single voltage versions. All models are equipped with an ignition protected auto reset fuse and reverse polarity protection. Anti-spike / anti-spark filtering

provides protection to sensitive aircraft electrical systems at all times during operation. Ingress protection, volt meter and CAT receptacle on board is standard with these models.

Hypastart AIR is able to deliver starting currents of 2300 Amps at 24V / 1150 Amps at 12V, X2500 models are rated to start all piston aircraft whereas the X4500 model is suitable for turbine aircraft with sustained high current output.

Hypastart Air models are safe for onboard in-flight transportation and can be safely discharged and stored at 0V if required.

**CAT Receptacle Onboard**



# **HYPASTART AIR**



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**HYPASTART AIR  
IS ABLE TO START  
ANY SMALL TO MEDIUM  
AIRCRAFT IN YOUR FLEET  
QUICKLY AND EFFICIENTLY,  
ALL DAY, EVERY DAY.**

Hypastart can be recharged in a matter of minutes from various sources. The unit is supplied with an AC adaptor but can also be recharged from any DC source up to 30V including energising from a flat battery ensuring you have an “always ready” jump pack when needed most. This model can be configured to charge automatically from a maintenance vehicle providing the operator a fully charged Hypastart at all times.

The Hypastart is designed as an intrinsically safe jump starter which will operate without the fear of gassing, fire or explosion, even if the unit has been damaged, these are without question the safest jump starters on the market.

Start leads and accessories are not included with the Hypastart, please check specifications below for the appropriate accessories you may need.

SPECIFICATION	HYPASTART X2500 AIR	HYPASTART X4500 AIR
RECOMENDED USE	FIXED / ROTARY WING PISTON AND TURBINE ENGINES	FIXED / ROTARY WING PISTON AND TURBINE ENGINES
VOLTAGE	12/24V OR SINGLE VOLTAGE 12-24-26-28V	12/24V OR SINGLE VOLTAGE 12-24-26-28
STARTING CURRENT	12V - 1150A 24/26/28V -2300A	12V - 1150A. 24V - 2300A
DISCHARGE DURATION	100A@ 12V = 50 SEC 100A@ 24V = 25 SEC	100A@ 12V = 100 SEC 100A@ 24V = 50 SEC
STORED ENERGY	36Wh	72Wh
ENERGIZE TIME	50-100% = 12.5 MINS 0-100% = 25 MINS	50-100% = 25 MINS 0-100% = 50 MINS
OPERATING TEMP	-40° to +70°	-40° to +70°
ENCLOSURE	BRUSHED ALUMINIUM	BRUSHED ALUMINIUM
SIZE L x W x H	321 x 191 x 406	321 x 191 x 670
COMPLETE INGRESS AND ENCLOSURE PROTECTION	YES, 3M INDUSTRIAL POLYURETHANE FILM	YES, 3M INDUSTRIAL POLYURETHANE FILM
WEIGHT	14.10KG	19.95KG
CAT RECEPTACLE	YES	YES
ANDERSON	NO	NO
RECOMMENDED START LEAD (NOT INCLUDED)	70MM2 DUAL INSULATION MULTISTRAND COPPER SUPERFLEX 1.5-10M	70MM2 DUAL INSULATION MULTISTRAND COPPER SUPERFLEX 1.5-10M
START LEAD OPTIONS	CAT TO PIPER CAT TO CESSNA CAT TO CUSTOM	CAT TO PIPER CAT TO CESSNA CAT TO CUSTOM
BUILT IN VOLT METER	YES, HIGH VISIBILITY LED	YES, HIGH VISIBILITY LED
12V 2.5A MEMORY MINDER OUTPUT	NO	NO
BUILT IN LITHIUM BATTERY POWER SUPPLY	NO	NO
EXTERNAL AC CHARGER	INCLUDED, 15V 4A AC-DC	INCLUDED, 15V 4A AC-DC
ACCESSORIES (AVAILABLE SOON)	-CORDURA LEAD BAG .S. -CORDURA LEAD BAG .L. -PROTECTIVE NEOPRENE SLEEVE	-CORDURA LEAD BAG .S. -CORDURA LEAD BAG .L. -TROLLEY

**Part numbers**

HYPASTART X2500-AIR  
HYPASTART X2500-AIR-12  
HYPASTART X2500-AIR-24  
HYPASTART X2500-AIR-26  
HYPASTART X2500-AIR-28

HYPASTART X4500-AIR  
HYPASTART X4500-AIR-12  
HYPASTART X4500-AIR-24  
HYPASTART X4500-AIR-26  
HYPASTART X4500-AIR-28



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