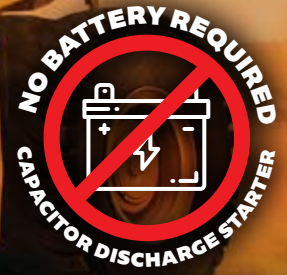


Next generation of Jump Starter for the Mining Industry

-  **ALWAYS READY**
-  **LIGHTWEIGHT & PORTABLE**
-  **WHS COMPLIANT**
-  **AUSTRALIAN MADE**



This Jump Starter will jump your entire fleet all day long

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

Hypastart Mine is designed for the mining Industry with unique features specifically aimed at professionals working with large heavy vehicles and machinery. This model is perfect for mine site operations where heavy duty reliable starting equipment is a must.

The Hypastart Mine range differ from other Hypastart models in the way of build, durability and reliability. The Mine Spec models are manufactured with extra heavy duty internal components and wiring looms making sure that the harsh environments and extreme usage does not interfere with Hypastart's performance and operation ensuring reliable starts when you need it most.

Hypastart Mine is available in 12/24V and 24V only Hybrid versions. All models are equipped with an auto reset fuse and reverse polarity protection. Anti-spike / anti-spark filtering provides protection

to sensitive vehicle management systems at all times during operation. Built in volt meter with CAT receptacle on board is standard with these models.

Hypastart Mine is able to deliver starting currents of 2300 Amps at 24V / 1150 Amps at 12V, X2500 models are rated to start engine sizes of up to 40L whereas the X4500 model will start up to 80L engines. The Hybrid model includes an additional "RUN" function to supply power to a vehicle with an defective alternator enabling the operator to not only start the stranded vehicle but maintain running power to lights and accessories while being moved to the repair site.

CAT Receptacle Onboard



HYPASTART MINE



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HYPASTART MINE IS ABLE TO START ANY VEHICLE 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 optional with the Hypastart, please check specifications below for the appropriate accessories you may need.

SPECIFICATION	HYPASTART X2500 MS-CAT	HYPASTART X2500 MS-CAT-600 HYBRID	HYPASTART X4500 MS-CAT
INDUSTRY	MINING	MINING	MINING
RECOMMENDED USE	ALL 12/24V MINING GRADE VEHICLES TO 40L ENGINE SIZE	ALL 12/24V MINING GRADE VEHICLES TO 40L ENGINE SIZE	ALL 12/24V MINING GRADE VEHICLES TO 80L ENGINE SIZE
VOLTAGE	12/24V	24V	12/24V
STARTING CURRENT	12V - 1150A 24V - 2300A	24V - 2300A. 40A RUN	12V - 1150A 24V - 2300A
DISCHARGE DURATION	100A@12V = 50 SEC. 100A@24V = 25 SEC	100@24V = 50 SEC (START) 20A@24V = 60 MIN (RUN)	100A@12V = 100 SEC 100A@24V = 50 SEC
STORED ENERGY	36Wh	36Wh + 512Wh	72Wh
ENERGIZE TIME	50-100% = 12.5 MINS 0-100% = 25 MINS	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°	-40° to +70°
ENCLOSURE	POWDERCOAT ALUMINIUM	POWDERCOAT ALUMINIUM	POWDERCOAT ALUMINIUM
SIZE L x W x H	321 x 191 x 406	321 x 191 x 670	321 x 191 x 670
COMPLETE INGRESS AND ENCLOSURE PROTECTION	OPTIONAL	OPTIONAL	OPTIONAL
WEIGHT	14.65KG	18.45KG	19.95KG
CAT RECEPTACLE	YES	YES	YES
ANDERSON	NO	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	70MM2 DUAL INSULATION MULTISTRAND COPPER SUPERFLEX 1.5-10M
START LEAD OPTIONS	CAT TO CAT CAT TO CLAMP CAT TO ANDERSON	CAT TO CAT CAT TO CLAMP CAT TO ANDERSON	CAT TO CAT CAT TO CLAMP CAT TO ANDERSON
BUILT IN VOLT METER	YES, HIGH VISIBILITY LED	YES, HIGH VISIBILITY LED	YES, HIGH VISIBILITY LED
12V 2.5A MEMORY MINDER OUTPUT	NO	NO	NO
BUILT IN LITHIUM BATTERY POWER SUPPLY	NO	YES, 2 X 12V 20AH LIFEPO4 DEEP CYCLE PROTECTED BATTERY	NO
EXTERNAL AC CHARGER	INCLUDED, 15V 4A AC-DC	12V 5A LITHIUM BATTERY CHARGER INCLUDED	INCLUDED, 15V 4A AC-DC

Part numbers

HYPASTART X2500MS-CAT
 HYPASTART X2500MS-CAT-600
 HYPASTART X4500MS-CAT

Lead sets part numbers

LS-15CC 1.5M cat to cat
 LS-30CC 3.0M cat to cat
 LS-15CL 1.5M cat to clamp
 LS-30CL 3.0M cat to clamp



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