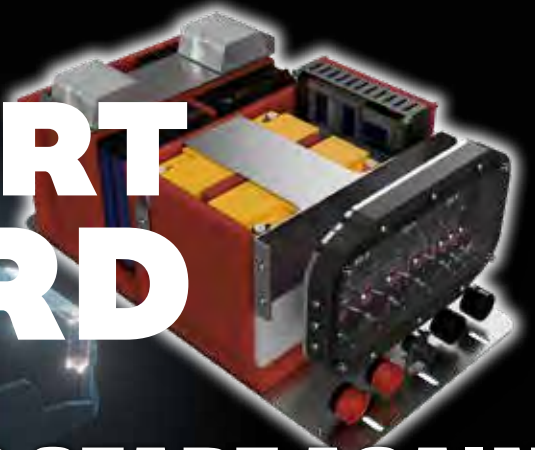




HYPASTART ONBOARD



NEVER NEED TO JUMP START AGAIN



ALWAYS READY



AUSTRALIAN MADE

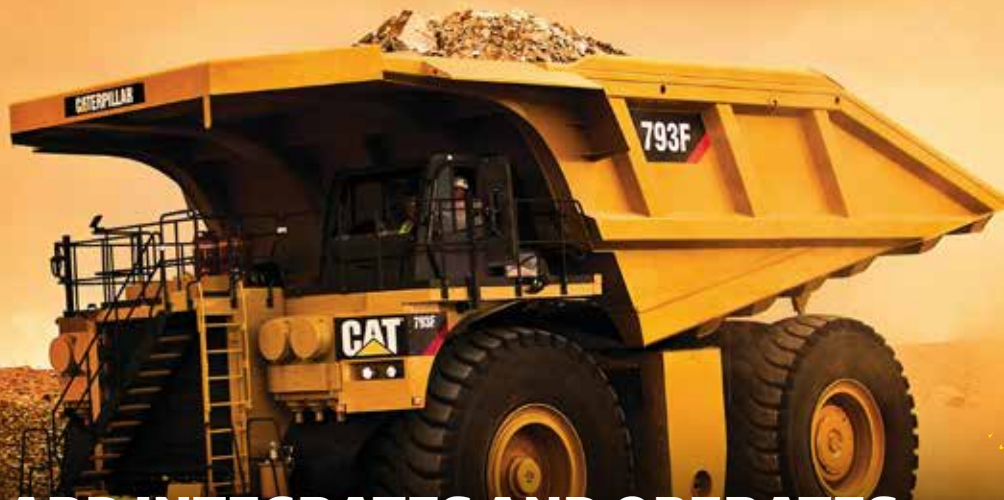
IMPROVES STARTING PERFORMANCE

The Hypastart OnBoard is an automatic start assist device that will provide assistance starting engines in adverse environments and or with depleted or flat start batteries.

Once Hypastart OnBoard is installed and powered on, it will operate automatically, and seamlessly during every engine start.



Learn more



HYPASTART ONBOARD INTEGRATES AND OPERATES SEAMLESSLY WITH ANY VEHICLE



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HOW DOES IT WORK?

When the Hypastart OnBoard detects ACC signal from the operator, the system instantly prepares to assist the starting procedure by bringing the high output super capacitors online during the cranking phase of the startup. Once the engine has started successfully the super capacitor bank will disengage isolating from the vehicle batteries.

Now the Hypastart OnBoard will move into stage 2 by activating its charge circuit to charge the internal backup AGM batteries from the running vehicle, simultaneously the super capacitor bank is being energised.

When the internal backup battery of the Hypastart OnBoard is fully charged and

the super capacitor bank has reached its maximum start voltage state, the unit will move into stage 3 by completely isolating itself from the running vehicle in preparation of the next start assist procedure.

Hypastart OnBoard can be operated manually via the integrated control panel or the optional remote cockpit control panel.

The control panel houses 3 volt meters and a host of switches for manual control.

Hypastart OnBoard has an internal power supply which can supply power of up to 40 Amps for 30 minutes to power accessories.

BENEFITS OF HYPASTART ONBOARD

- Sure-start - engine will start regardless of the status of the vehicle batteries
- Sure-run - vehicle can be operated even if alternator is inoperative
- Increases the lifespan of vehicle batteries by reducing starting load
- Increases the lifespan of starter motors by increasing start voltage and reduces current
- Never need to jump start again
- More than one Hypastart Onboard can be daisy chained for increased performance
- Optional Remote cockpit display and control panel

HYPASTART ONBOARD-24 Specification

Voltage	24V
Starting Current	2300A
Power Supply	24V 40A
Stored Energy	608Wh
Operating Temp	-40 to +70
Enclosure	Stainless Steel
Size L x W x H	460 x 270 x 230mm
Weight	22KG

HYPASTART ONBOARD-12 Specification

Voltage	12V
Starting Current	1150A
Power Supply	12V 80A
Stored Energy	608Wh
Operating Temp	-40 to +70
Enclosure	Stainless Steel
Size L x W x H	460 x 270 x 230mm
Weight	22KG



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