



CAP-START[®] 1500A
24V Engine Starter
BID SPECIFICATION
REVISED: August 9, 2019

Type:	Vanair Cap-Start 1500A. New and in current production.
24V Start:	Uses (2) group 31 AGM batteries with (2) 500 Farad Ultracapacitors provide up to 1500A at 24V during a crank attempt. Capacitors can be cycled 500,000 times.
Recharge System:	The unit includes a 110 VAC powered 12V 12A dual output 3-stage AGM battery charger to keep the batteries full and conditioned when the unit is not in use. It also includes a 12 VDC to 24 VDC AGM battery charger that connects to the service truck to recharge the batteries of the unit when in use.
Safeties:	Reverse polarity protection with audible warning from a Piezo buzzer and a visual warning with a green/red bicolor LED on the panel. The unit also has dead short protection. Clamps are not live until the unit is turned on and the remote control is engaged.
Starting Cables:	Starting cable set is separated into two parts to make handling easier for the operator. There is an 8' 4/0 Anderson plug to Anderson plug starting cable extension and an 18' dual 1/0 duplex starting cable clamp set. Each jaw of the clamps is connected to a 1/0 cable for maximum power delivery. Connected the cables reach 26' total. Cables are flexible down to -60 °F (-51 °C).
Machine Weight:	309 (Lbs.)
Dimensions:	44L x 20W x 14H (In.)
Battery:	Includes (2) group 31 AGM batteries
Instrument Panel:	Instrument panel includes 0-36 voltmeter, Piezo buzzer and bi-color LED to indicate reverse polarity, and Anderson plug for starting cable. AC and DC charging indicator LED's, on/off sealed rocker switch, override pushbutton, DC charger circuit breakers, 50' remote control with ready-to-use indicator LED.
Enclosure:	Durable polypropylene case, 10 gauge aluminum mounting feet, and steel cord wrap bracket.
Service Centers:	Manufacturer must have factory authorized service centers located in each state of the United States of America and Canadian provinces.
Options:	Group 31 AGM Batteries (2) Battery Box – Holds (4) Group 31 Batteries (Empty Box)