
Type:	Vanair® Start-All® Jump-Pack 12V and 24V combination. In current production.
12V or 24V Start:	Capable of delivering 166,500 Joules for 5 seconds during crank attempts. Can start up to 16L, gas and diesel engines.
Safeties:	Protect•All® Safety Technology which includes reverse polarity, short circuit, low current, over charge, over discharge, high current, and over temperature protections. When an error is present there is an audible indicator, and 12 error codes to help ensure proper use. Display that shows charge level and status of the Jump-Pack. Rotary selector knob with indicator for function selection. Time out function to prevent excessive drain of the battery. High and low battery voltage charging protections to prevent unsafe charging conditions.
Voltage:	14.8V
Starting Cables:	1-gauge, 32" for each clamp, 73" combined length
Machine Weight:	18.5 Lbs., 20 Lbs. with case
Dimensions:	14.0L x 5.0W x 16.1H
Battery:	Lithium-ion cobalt, 296 watt-hours. Battery has a peak output of 10000A.
Storage Temperature:	40°F to 75 F (4°C to 24°C)
Accessories:	18VDC 100-240VAC wall charger, 18VDC port charger, 3-in-1 cord with USB lightning®, USB-C, and micro-USB connectors, USB-C cord, safety strap, carabiner and clip.
Instrument Panel:	Main ON/OFF function selector knob, LED status display, charging indicator LED, accessory output ON/OFF button with LED indicators, (2) USB output ports — 5V/3A, 9V/3A, 12V/2.5A, PPS 3-11V, (3) USB-C output/input ports — 5V/3A, 9V/3A, 12V/2.5A, PPS 3-11V output; 5V/3A, 9V/3A, 12V/2A, 15V/1.5A, 20V/1.5A input, (2) 5.5mm output ports — 12VDC 4A, (1) 5.5mm input charging port —18VDC 2A, (1) aux port —12VDC 10A, LED work light with 3 display modes on the rear of the pack including low, high, and SOS emergency strobe functions.
Enclosure:	Rugged plastic housing with carrying handle and corner bumpers. There is space to stow the cables inside the housing.
Service Centers:	No user serviceable parts inside contact Vanair®.
Warranty:	One year from retail purchase date.
