



# 3312VC & 3324VC - Voltage Converters

Rev. 11/06/20

ETA Line

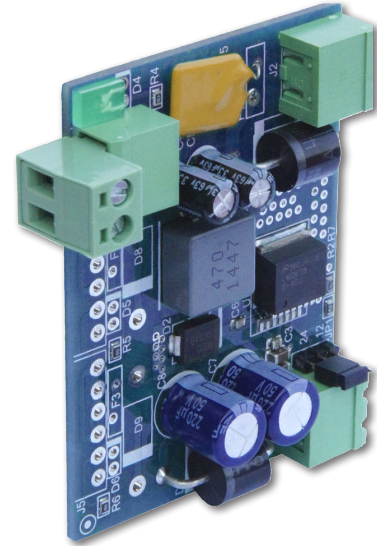
## Overview

Some of BAPI's ETA products require regulated power of 12 VDC, including the FOX and SOX - RS-485 Fiber Optic Transceivers and the RPTR - RS-485 Repeater. The 3312VC is perfect for these. Many devices such as energy meters require 24VDC but need more power than available from CDSP2. 3324VC is perfect for these. The 12 or 24 VDC output is still field selectable with a jumper setting, so you really get two modules in one!

The 3312VC and 3324VC can be mounted in two ways. As usual, the units plug vertically into a BP2, BP4, BP8 or BP4-V Backplane like other ETA modules. The voltage converter receives its supply power from the Backplane which is supplied by a PS17/18/19RF Power Supply or other suitable power supply.

The 3312VC and 3324VC can also be mounted directly in snaptrack. The unit is then powered with a two-wire connection from a PS17/18/19RF Power Supply or other suitable power supply.

If the 3312VC is powering a FOX, SOX or RPTR module, the 12 VDC output from the 3312VC is sent to a RBP4, RBP8 or SRBP Repeater Backplane. The Repeater Backplane then provides power, communications and mounting for the FOX, SOX and RPTR modules.



3324VC - Voltage Converter

<b>Part Number</b>	<b>Description</b>	<b>List Price</b>
BA/3312VC .....	Voltage Converter (33VDC to 12VDC) .....	\$120
BA/3324VC .....	Voltage Converter (33VDC to 24VDC) .....	\$120

Submittal datasheets without List Prices are available on our website at [www.bapihvac.com](http://www.bapihvac.com)

## Associated Products

PS17/18/19RF Power Supply (p. G19)

RBP or SRBP Repeater Backplanes (p. G30-32)

BP8 or BP4 Interface Backplane (p. G16)

TRK18 Snaptrack (p. G18)

## Specifications

3324VC plugged into a BP4 Backplane

**Input Voltage:**  
 12 VDC Output: 16 to 36 VDC or 24 VAC  
 24 VDC Output: 28 to 36 VDC or 24 VDC

**Input Current:** 1.5A Max at 28 VDC

**Output Voltag:** 12 or 24 VDC ± 0.25 VDC

**Output Current:** 1.5 Amp Max (30VA max)

