



# VCU81

## VEGA SERIES



### DESCRIPTION

**VEGA series amplifiers** have been the staple of the Cerwin-Vega Mobile brand. It's sleek and compact design makes installation seamless but don't let its dimensions fool you as VEGA series amplifiers generate monstrous power output. Updated High-Efficiency Full Range Digital Topology. Enhanced Power IR Digital Chipset. Conformal-Coated 4-layer PCB. Remote Turn On Configurator - REM/DC/VOX. Boosted RFI (Radio Frequency Interference) Rejection. Compact Matching Heatsink Platform Dimensions. Accepts HI and LO Level Input Up To 12V. Water Resistant.

#### RMS POWER RATING

Max Power	1000W
RMS Power (2Ω)	300W
RMS Power (4Ω)	175W
Bridged (mono 1Ω)	500W
Bridged (mono 2Ω)	300W
Bridged (mono 4Ω)	175W

#### TYPE

Topology	Class D
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#### POWER SUPPLY

Power Supply	Full PWM
Power Supply Threshold	10.0VDC - 17.0VDC
Idle Current	0.7A

#### DISTORTION

THD	<0.5%
S/N Ratio (A weighted @1W)	-85dBA
S/N Ratio (A weighted @FP)	-101.1 dBA

#### INPUT SENSITIVITY

Low Input Level	200mV - 10.0V
High Input Level	200mV - 10.0V

#### INPUT IMPEDANCE

Low Input Level	20 KΩ
High Input Level	20 KΩ

#### OUTPUT STAGE

Output Impedance	0.011Ω
Damping Factor (50Hz @4Ω)	>250
Bandwidth (-3dB)	10 - 350Hz

#### CROSSOVER (-12DB/OCT)

Variable High-Pass	N/A
Variable Low-Pass	40Hz - 400Hz
Variable Sub-Sonic	10Hz - 55Hz

#### FUSE RATINGS

ATC	25A
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#### DIMENSIONS

Length x Width x Height (in)	7.7" x 4.02" x 1.4"
Length x Width x Height (mm)	195.6 x 102.1 x 35.5mm

