

PINNACLE® PLUS+ HALO PULSED-DC POWER SUPPLIES

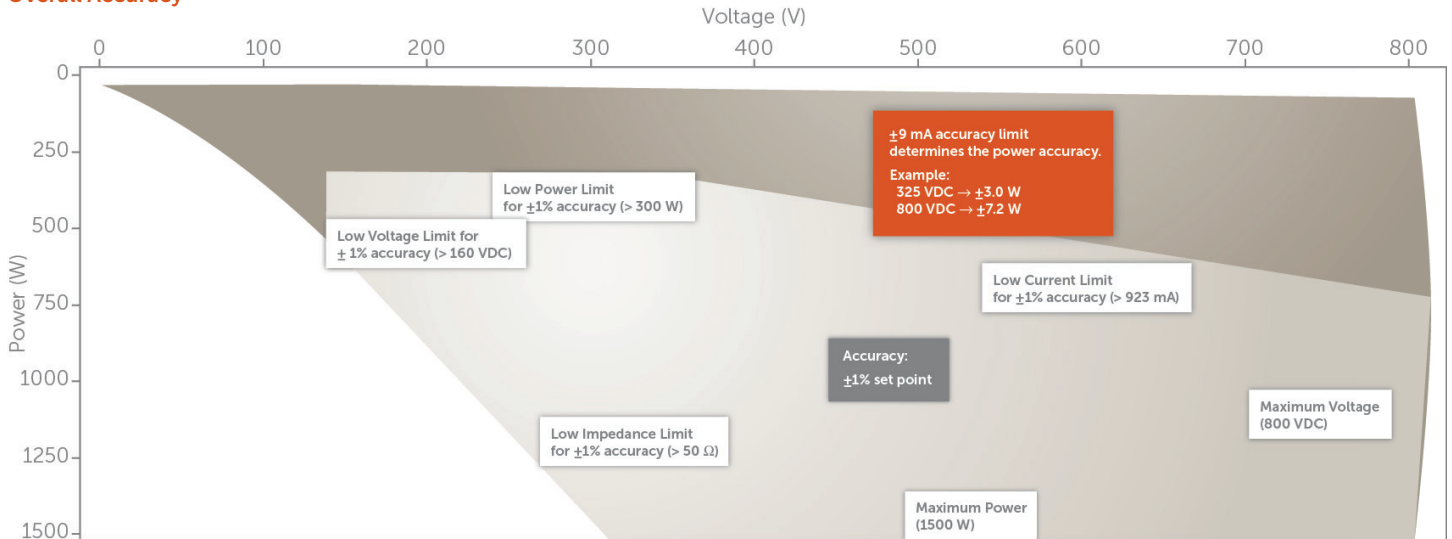
Advanced Pulsed-DC Control for Low-Power Applications

AE has optimized the proven Pinnacle® Plus+ topology to allow precise process control at low powers, while providing signature pulsed-DC performance. To suit an array of applications, Pinnacle Plus+ HALO (high accuracy, low output) power supplies are available in both single- and dual-output configurations.

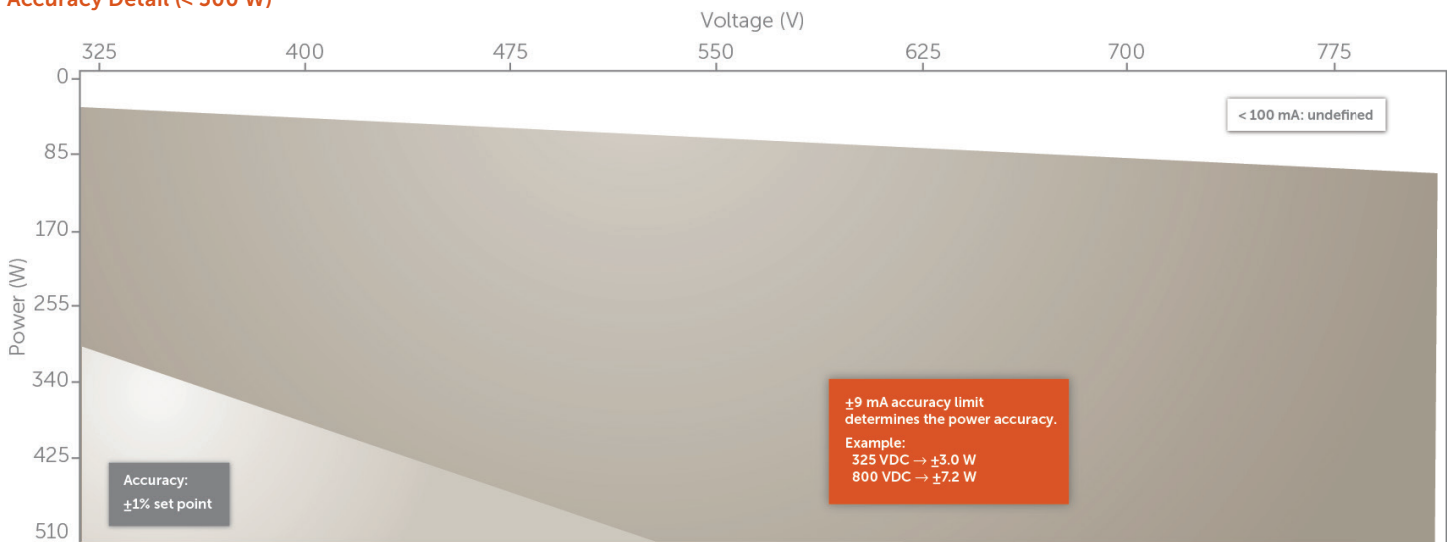
Basic Specifications

Pinnacle® Plus+ HALO	
Output	
Max Power	1500 W per channel
Min Power	20 W
Max Voltage	800 VDC
Min Voltage	25 VDC
Max Current	4.6 A
Min Current	100 mA
Ignition and Pulsing	
Ignition	1400 V (pulsed)
Pulsing	5 to 350 kHz
Input	
Voltage	208 VAC (3 ϕ , neutral), \pm 10%, 50 to 60 Hz
Current	10.8 A nominal per θ (at full 3 kW output)
Physical	
Dimensions (Overall)	13.3 cm (H) x 48.3 cm (W) x 64.0 cm (D)
	5.25" (H) x 19" (W) x 25.18" (D)
Output Connector (Selectable)	UHF connector
	2-pin pluggable connector
	MS 3470 (military-style) connector
Input Connector	Five terminal DIN compression block
I/O Communications (Selectable)	
Active Front Panel	Optional
Serial	AE Bus (RS-232/422/485) or Profibus®
Analog	37-Pin 15 VDC (digital), 0 to 10 VDC analog
	37-Pin 24 VDC (digital), 0 to 10 VDC analog
	15-pin 15 VDC (digital), 0 to 5 VDC analog (limited)

Overall Accuracy



Accuracy Detail (< 500 W)



World Headquarters
1625 Sharp Point Drive
Fort Collins, CO 80525 USA

970.221.4670 Main
970.221.5583 Fax

www.advanced-energy.com

For more information on Pinnacle® Plus+ power supplies, visit:

www.advanced-energy.com/en/Pinnacle_Plus.html

For more information on AE's complete product portfolio, visit:

www.advanced-energy.com/en/Products.html

Specifications are subject to change without notice.

© 2014 Advanced Energy Industries, Inc. All rights reserved. Advanced Energy® and Pinnacle® are U.S. trademarks of Advanced Energy Industries, Inc. Profibus® is a trademark of Nutzerorganisation e.V. Registered Association FED REP GERMANY.

ENG-PNCL+HALO-250-01 0M 11.14