



AM Power Systems

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**TORNADO Series**

**AM30012-PM**

Ultra High Voltage DC-DC Converter  
(introduction 1Q'08)

W/30KVout, this DC-DC converter power unit allows for the application of a portable bio-fouling cleansing system for boat, RV or other portable units.

**KEY SPECIFICATIONS:**

Operational Specification:  $V_{in} = +12V$   
 $V_{out} = +30KV$

1.  $V_{in}$  @12V +/-10%  
w/ capability to support charging voltage up to 14.5V
2.  $V_{out}$  w/5% variation  
(does not drop below 30KV)
3. Output power @3W  
w/ 40-100ua on the output current @ 30KVout
4. Line & Load Regulation - <5%
5. Ripple - <2%
6. Efficiency - 50% @ full load (Typical)
7. Size - 4.5" X 2.8" X 1.5" (approximate)
8. Silicon Epoxy potting material w/metal can/cover to prevent EMI radiation
9. Terminal lugs w/+/-, grounding lug and pink 40KVout wire
10. Package Type: 3" X 5" metal can (PCB size 3.75" X 2.3")

**PRICING:**

1-3 units @ \$355.00  
4-9 units @ \$285.00  
10-20 @ \$245.00  
Volumes above 20 units: CONTACT FACTORY

**DELIVERY:**

Qtys. < 10 - 2-3 weeks  
Qtys. > 10 - 25 - 3-4 weeks  
Qtys. > 25 - contact factory

**DISCLAIMER:** AM Power Systems reserves the right to make modifications to this specification or product as the need arises to better suit customer requirements.

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