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New 220 EDLC ENYCAP™ Series Electrical Double-Layer Energy Storage Capacitors Deliver High Power in Small Volumes

Product Benefits:

- Available in two versions:
 - Power
 - Energy with high stability
- High power density to 4.1 Wh/kg
- High capacitance values from 15 F to 40 F
- Four compact case sizes from 16 mm by 20 mm to 18 mm by 31 mm
- Max. rated voltage of 2.7 V
- RoHS-compliant

Market Applications:

- Energy harvesting, power backup, and UPS power source applications in the industrial, telecom, and PC markets

Buy It Now:

[Check distributor stock on the Vishay website](#)

The News:

Vishay Intertechnology introduces a new series of ENYCAP electrical double-layer energy storage capacitors for energy harvesting, power backup, and UPS power source applications. Available in power and energy versions with high stability, Vishay BCcomponents 220 EDLC ENYCAP series devices deliver high power density and capacitance values in small case sizes ranging from 16 mm by 20 mm to 18 mm by 31 mm.

- Feature very low internal resistance
- Provide rapid charge and discharge performance
- Through-hole capacitors
- Long leads



The Key Specifications:

Version	Energy	Power
Capacitance (F)	15 to 35	20 to 40
Max. peak current @ +65 °C (A)	25	25 to 35
Leakage current after 0.5 h (mA)	6 to 15	8 to 20
Stored energy at +65 °C (Wh)	0.015 to 0.035	0.020 to 0.041
Specific energy +65 °C (Wh/kg)	2.5 to 3.5	3.4 to 4.1

Availability:

Samples and production quantities of the 220 ELDC ENYCAP series are available now, with lead times of six to eight weeks for larger quantities.

To access the product datasheet on the Vishay website, go to <http://www.vishay.com/ppg?28421> (220 EDLC ENYCAP™)

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