

500 PGP-ST Screw-Terminal Capacitors Extended With 500 V Rated Voltage and Useful Life to 5000 h

Product Benefits:

- Allows designers to re-use three-phase, 380 V designs in 480 V systems
- Allows designers to upgrade larger solar inverter systems for 1000 V maximum input operation

Market Applications:

- DC-Link in large motor drives, UPS systems, and solar inverters

The News:

Vishay Intertechnology announces that it has extended the maximum voltage rating of the Vishay BCcomponents 500 PGP-ST series of aluminum screw-terminal capacitors to 500 V. These products have the same 5000 h lifetime at +85 °C as the other voltage ranges, which were recently upgraded from their previous 2000 h lifetime at +85 °C.

- 500 V rating provides increased voltage headroom
- Optimized for DC-Linking in power conversion electronics rated at 20 kW and above
- Available in seven case sizes ranging from 50 mm by 80 mm to 90 mm by 220 mm
- Feature a cylindrical aluminum case insulated with a blue sleeve and pressure relief in their sealing disc
- RoHS-compliant
- Available with 8 mm terminals on the standard high post M5 disc, or 13 mm terminals featuring the high current low post M6 disc

Buy It Now:

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

The Key Specifications:

Case size (mm)	50 x 80 to 90 x 220
Capacitance range (µF)	680 to 12 000
Tolerance	± 20 %
Rated voltage (V)	500
Temperature range (°C)	-25 to +85
Useful life at 85 °C (h)	5000
Shelf life at 0 V, 85 °C (h)	1000
Sectional specification	IEC 60384-4 / EN 130300
Climatic category IEC 60068	25 / 085 / 56

Availability:

Samples and production quantities of the 500 V version 500 PGP-ST are available now, with lead times of 18 weeks.

To access the product datasheet on the Vishay Website, go to <http://www.vishay.com/ppg?28390> (500 PGP-ST)





NEW PRODUCT INFORMATION



Product Group: Vishay BCcomponents, Aluminum Capacitors / **January 2019**

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