

270VDC/150A, 12-Ch Solid-State Power Controller (SSPC)

Off-the-shelf, MIL-STD-704F compliant multi-channel 270VDC/150A Solid-State Power Controller (SSPC) enables smart power management - programmability, load shedding, a 25x greater MTBF, system health diagnostic & prognostic data, and an up to 7x power to weight/volume density improvement — in a compact and rugged form factor, while providing significant time to market advantages, by eliminating the costs and risks associated with a custom developed solution.

SSPC Benefits

- High Reliability An over 25x improvement in MTBF increases mission safety & longevity
- Greater System Protection Continuous load monitoring enables real-time protection of on-board systems
- More Efficiency Smart power management reduces burden on crew, while reduced weight & volume provide greater fuel efficiency and space for additional systems and equipment
- Cost & Time Savings DDC's high TRL and configurable COTS SSPC solutions minimize development time and integration risks









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E-mail: appointment@ddc-web.com