






Rugged, COTS Universal Input Single DC Output Power Supply

Javelin is designed to withstand the extreme environments and stresses that are often inherent with military applications. Similar to Badger, Javelin applications include: military ships, aircraft, track vehicles, mobile equipment and missile launchers. Javelin is ideal for industrial uses that require a rugged, single DC-output power supply.

Standard Features

- MIL-STD 704E
461E CE101, 102, & RE101,102
- MIL 167-1 & MIL 810 Vibration
MIL 901 Shock
- **Power Factor Correction (PFC):**
0.99 @ 115 Vac
0.95 @ 230 Vac
- **PFC Threshold:** Less than 3% THD
3-Phase Configuration nearly sinusoid Input current
- **Ride-Through (Holdup) time:** >20 ms @ 1,200 W Load
- **Other Features**
 - > Case-to-Case paralleling capability up to three units (Javelin I & II only)
 - > Inhibit & Enable Inputs, DC OK, Automatic remote sense
 - > Full Power to 55°C, Half Power @ 70°C
 - > Soft Start for Limiting Inrush Current
AC Power OK Status Signal
 - > Output OCP, OVP & OTP
 - > Designed to meet UL 1950, CSA C22.2 No. 234, IEC 950, EN 60950
 - > Optional Conformal Coating

Available Configurations

P/N	Javelin I 700-0180-XXX with Fan	Javelin II 700-0181-XXX No Fan	Javelin III 700-0176-X-XX with Fans
Input Single-Phase, 115/230 Vac Vdc 3-Phase Vac, 3-Wire 3-Phase Vac, 4-Wire	85 – 254 Vac 85 – 380 Vdc	85 – 254 Vac 85 – 380 Vdc	85 – 254 Vac 85 – 380 Vdc 85 254 Vac LL 85 – 254 Vac LN
Output Available Voltages: Power ^[a] ^[a] Voltage dependent	2/3.3/5/12/15/24/28/48 600 – 1,800 W	2/3.3/5/12/15/24/28/48 600 – 1,800 W	2/3.3/5/12/15/24/28/48 1,800 – 5,400 W
Size H x W x L (inches) Weight (Pounds)	4.9 x 7.0 x 10.75 in. 12 lbs. Max	4.9 x 7.0 x 9.5 in. 11.5 lbs. Max	7.0 x 16.0 x 13.0 in. 45.5 lbs. Max
Photos			

Important Notes

- **Javelin I** Internal Fan Provided
- **Javelin II** No Internal Fan Provided
- **Javelin I & II** are Single-Phase or DC Input
- **Javelin I** is Single-Phase, DC or 3-Phase Input