

## DC-DC MIL-COTS

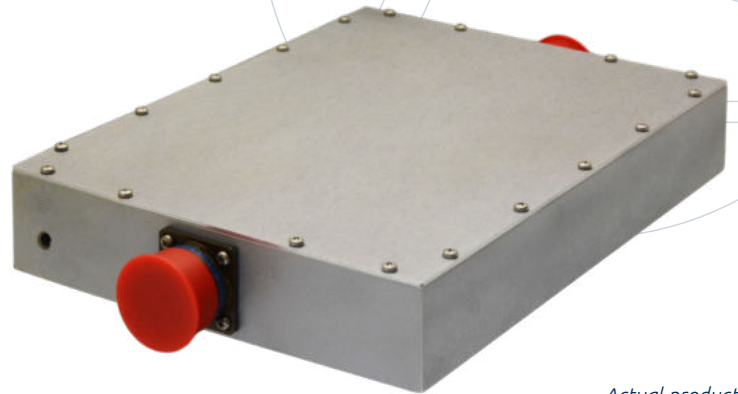
### PRODUCT # SW2511006-12

**12–36 VDC**  
Input Voltage

**12 VDC**  
Output Voltage

**480 W**  
Output Power

**1**  
# of Outputs



*Actual product  
appearance may vary.*

## PRODUCT DESCRIPTION

This DC-DC power supply is designed to perform and protect in harsh, military environments. It is environmentally sealed to meet IP67 when mated with connectors and cable assemblies. It is compact in size, weighing approximately 8 lb, and is base plate cooled. It is designed to meet the input power requirements of MIL-STD-1275E. All ACT products feature our proven quality and are trusted to perform when it matters most. Custom output voltages are available—contact ACT for more information.

## ENVIRONMENT

Designed to meet MIL-STD-810



### TEMPERATURE

-40°C to +71°C operating, -40°C to +85°C non-operating



### HUMIDITY

Up to 100% condensing with sealed mating connectors and cable assemblies attached



### VIBRATION

Designed to meet NAVMAT P-9492



### SHOCK

Designed to meet MIL-STD-202, Method 213, Test Condition J



### EMI

Designed to meet MIL-STD-461G, CE102

## FEATURES

- Single output of 12 V up to 480 W
- 12–36 VDC input
- Designed to meet MIL-STD-1275E
- Efficiency up to 96%
- Output current maximum of 40 A
- Ripple  $\leq$  240 mVp-p
- Regulation 5%, line and load
- Non-isolated

**CONTACT US**



2001 Fulling Mill Road | Middletown, PA 17057  
717.939.2300 | CAGE: 60642

**ACTPower.com** | 



## DC-DC MIL-COTS

### PRODUCT # SW2511006-12

#### COOLING

Operational baseplate temperature -40°C to +75°C

#### ISOLATION & PROTECTIONS

##### ISOLATION

- Non-isolated input/output
- Isolated input/chassis and output/chassis

##### PROTECTION

Reverse polarity, overtemperature, short circuit, and overvoltage with auto recovery



#### MAKE IT A MOTS

The right power solution helps keep equipment functioning properly in the field. MOTS, or Modified Off-The-Shelf, power supplies are adapted, ruggedized, and designed to meet the unique demands of your application.

The fast, budget-friendly answer for meeting your environmental requirements—ask us about making this power supply a MOTS.

#### SW2511006 SERIES SELECTOR GUIDE

ACT Product #	V <sub>IN</sub> (VDC)	# of Outputs	V <sub>OUT</sub> (VDC)	Output Power (W)	Heatsink
SW2511006-12	12 to 36	1	12	480	N
SW2511006-12-01	12 to 36	1	12	480	Y
SW2511006-15	12 to 36	1	15	600	N
SW2511006-15-01	12 to 36	1	15	510	Y
SW2511006-16	12 to 36	1	16	640	N
SW2511006-16-01	12 to 36	1	16	510	Y
SW2511006-18	12 to 36	1	18	720	N
SW2511006-18-01	12 to 36	1	18	715	Y
SW2511006-22	12 to 36	1	22	880	N
SW2511006-22-01	12 to 36	1	22	840	Y
SW2511006-24	12 to 36	1	24	960	N
SW2511006-24-01	12 to 36	1	24	1000	Y
SW2511006-26	12 to 36	1	26	1000	N
SW2511006-26-01	12 to 36	1	26	1000	Y
SW2511006-28	12 to 36	1	28	1000	N
SW2511006-28-01	12 to 36	1	28	1000	Y
SW2511006-32	12 to 36	1	32	1000	N
SW2511006-32-01	12 to 36	1	32	1000	Y

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