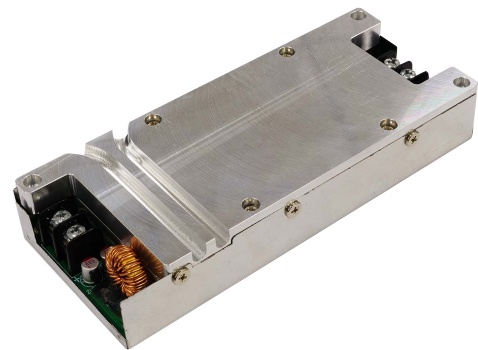




# SK710

**150W MILITARY STANDARD DC/  
DC CONVERTER MODULE WITH  
GAIA SOLUTION  
12V TO 40V INPUT / 12V  
OUTPUT, EXTENDED TEMP. -40  
TO 85°C**



## MAIN FEATURES

- Wide Input Range: 12V to 40V DC
- 12V DC Output up to 12.5 Amp
- Over voltage protection
- Over current protection
- Surge protection
- Compact size
- High efficiency (typ. 86%-90%)
- Military Standard Compliance
- Extended Temperature -40°C to 85 °C (with conduction cooling)

# Specifications

## ► Specifications

Input Voltage	12V to 40V
Output	150W, 12V @ 12.5 A Ps. (12V workable with derating 114W)
Performance Characteristic	Ripple: <300m Line Regulation: <100 mV Load Regulation: <100 mV Efficiency: (typ. 86%-90%)
Operation Temperature	-40 to 85°C
Dimension	170(L) x 70(W) mm

## ► Input/Output Connector

### Voltage Input

Pin Number	Assignment
+	12V to 40V
GND	GND

### Voltage Output

Pin Number	Assignment
+	12V
GND	GND

## ► Certification

Military Standard Compliance	MIL-STD-461E MIL-STD-1275/A/B/C/D MIL-STD-704A/F DO-160D/E MIL-STD-810
UL/CSA/EN Standard Compliance	UL/CSA/EN 60950

## ► Ordering Information

### Modules

Model Number	Description
SK710	150W DC/DC Converter Module with 12V to 40V Input 12V Output (-40 to 85°C)

