

Service Bulletin

MODEL(S)	TC120 and TC240
PART NUMBER(S)	6430120-(), 6430240-()
DESCRIPTION	DC/DC Power Converter
TOPIC	Modification (“MOD”) 1
PURPOSE	Product Enhancement
RELEASE DATE	June 8, 2022

APPLICABILITY

This Service Bulletin is applicable to the model TC120 and TC240 DC/DC Power Converter, part numbers 6430120-() and 6430240-(), manufactured by Mid-Continent Instrument Co., Inc. (dba True Blue Power and Mid-Continent Instruments and Avionics). Units with this modification are available for sale from the manufacturer.

PURPOSE

This modification to the TC120 and TC240 series includes hardware changes that enhance and optimize current functionality to provide improved operational characteristics.

EFFECTIVITY

Existing TC120 and TC240 product previously produced and fielded cannot be upgraded with these MOD 1 changes as described.

Following the release date of this Service Bulletin, all TC120 and TC240 units marked as MOD 1, including those newly manufactured by True Blue Power and marked as such, shall include the changes as described herewith.

DESCRIPTION

The following list describes the changes incorporated in this modification.

1. Output Voltage Range is expanded from 5-18VDC to 5-24VDC.

ESTIMATED MANPOWER

None. Not available for field update.

APPROVALS

None required

WEIGHT AND BALANCE

No change

ELECTRICAL LOAD DATA

No change

CERTIFICATION

This Service Bulletin represents a minor change and thus maintains all aspects and qualification basis of the previously approved Technical Standard Order Authorization of the TC120 and TC240 series.

OTHER PUBLICATIONS AFFECTED

True Blue Power Installation Manual and Operating Instructions listed below have been updated with information that supports this modification.

TC120:	9019288	Revision K, or later
TC240:	9018640	Revision J, or later

ACCOMPLISHMENT INSTRUCTIONS

The changes associated with this Service Bulletin apply only to factory-new product provided by True Blue Power and marked accordingly.

To consider whether or not previously fielded product may be eligible for factory refurbishment and upgraded to include this modification, please contact True Blue Power.

Contact information: True Blue Power
9400 E. 34th Street N.
Wichita, KS 67226
(316) 630-0101