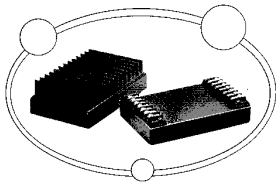


50Watt ~ 100Watt DC to DC Converters



FEATURES

50W To 100W DC/DC Converters
2:1 Input Range, Pi Input Filter
1,500VDC I/O Isolation

High Efficiency Up to 84%
Short Circuit Protection

SPECIFICATIONS

All Specifications are Typical at Nominal Line, Full Load and 25° C Unless Otherwise Noted.

- Input Voltage Range:..... 2:1 Range, See Model List
- Input Filter:.....Pi Filter
- Reverse Input Voltage Protection :Internal Shunt Diode
Use External Fuse
- Output Voltage Accuracy:..... ±1%(Max.)
- External Trim Range:.....±10%(Single & Dual)
Line Regulation:..... ±1%.
- Load Reuglation:.....±2%(Single & Dual)
Main:±2%,Aux: ±3%(Triple)
- Ripple & Noise:.....Vout x±1%Vp-p(Max.)
- Transient Recovery Time:.....500u sec(Max.)
- Switching Frequency:.....>100 KHz
- Min.Load:..... For Single Output Models:none
For Multi Output Models : 20% FL Ea.Output
- Remote Senser:..... Yes (Single & Dual Models)
- Overvoltage Protection:.....OVP Clamp
- Short Circuit Protection:..... Shutdown
- I/O Isolation Voltage:..... 1,500VDC (Min.)
- M.T.B.F:..... 120,000Hours At 40° C
- Temperature Coefficiency:.....±0.02%/° C(Max.)
- Storage Temperature:.....-40° C To +100° C
- Operating Temperature:....-25° C To +71° C(No Derating)
- Case Material:.....Black Coated Aluminum

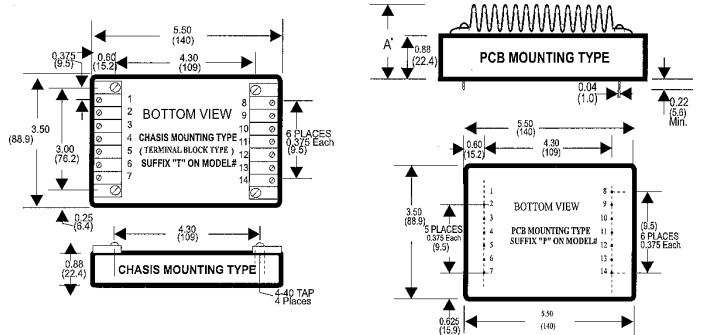
MODEL LIST

Model No.	Input Voltage	Output Wattage	Output Voltage	Output Current	EEF. (Min)	CASE
Singel Output Models						
C60-11x	9-18VDC	60WATTS	5VDC	12A	77%	H
C60-12x	9-18VDC	60WATTS	12VDC	5A	80%	H
C60-13x	9-18VDC	60WATTS	15VDC	4A	80%	H
C60-19x	9-18VDC	60WATTS	24VDC	2.5A	80%	H
C60-21x	18-36VDC	60WATTS	5VDC	12A	79%	H
C100-21x	18-36VDC	100WATTS	5VDC	20A	77%	H
C60-22x	18-36VDC	60WATTS	12VDC	5A	81%	H
C100-22x	18-36VDC	100WATTS	12VDC	8.3A	81%	H
C60-23x	18-36VDC	60WATTS	15VDC	4A	81%	H
C100-23x	18-36VDC	100WATTS	15VDC	6.6A	81%	H
C60-29X	18-36VDC	60WATTS	24VDC	2.5A	81%	H
C100-29X	18-36VDC	100WATTS	24VDC	4A	81%	H
C60-31X	36-72VDC	60WATTS	5VDC	12A	82%	H
C100-31X	36-72VDC	100WATTS	5VDC	20A	80%	H
C60-32X	36-72VDC	60WATTS	12VDC	5A	84%	H
C100-32X	36-72VDC	100WATTS	12VDC	8.3A	82%	H
C60-33X	36-72VDC	60WATTS	15VDC	4A	84%	H
C100-33X	36-72VDC	100WATTS	15VDC	6.6A	82%	H
C60-39X	36-72VDC	60WATTS	24VDC	2.5A	84%	H
C100-39X	36-72VDC	100WATTS	24VDC	4A	82%	H
Dual Output Models						
C50-14X	9-18VDC	50WATTS	5V/5V	5A/5A	78%	H
C60-15X	9-18VDC	60WATTS	12V/12V	2.5A/2.5A	80%	H
C60-16X	9-18VDC	60WATTS	15V/15V	2A/2A	80%	H
C55-1AX	9-18VDC	55WATTS	5V/12V	5A/2.5A	79%	H
C50-24X	18-36VDC	50WATTS	5V/5V	5A/5A	80%	H
C60-25X	18-36VDC	60WATTS	12V/12V	2.5A/2.5A	82%	H
C60-26X	18-36VDC	60WATTS	15V/15V	2A/2A	82%	H
C60-2AX	18-36VDC	60WATTS	5V/12V	6A/2.5A	80%	H
C50-34X	36-72VDC	50WATTS	5V/5V	5A/5A	80%	H
C60-35X	36-72VDC	60WATTS	12V/12V	2.5A/2.5A	84%	H
C60-36X	36-72VDC	60WATTS	15V/15V	2A/2A	84%	H
C60-3AX	36-72VDC	60WATTS	5V/12V	6A/2.5A	81%	H

Remark:
-Suffix "x=P": PCB Mounting Type, Heatsink Will Added On Module.
-Suffix "x=T":Chasis Mounting Terminal Block (Type), No Heatsink.
Use Chasis As Heatsink Or Fan Force Cooling.

CASE H

All Dimensions In Inches (mm)



* FOR 100 Watts Models, A=1.69 (43)
* FOR 60 Watts Models, A=1.37 (34.8)

PIN CONNECTIONS		
Pin#	Single	Dual
1	No Pin	No Pin
2	Vi-	Vi-
3	Vi-	Vi-
4	Vi+	Vi+
5	Vi+	Vi+
6	Remote On/Off Control	
7	N.C.	N.C.
8	Vo-	-Senser1
9	Vo-	Vo1-
10	Vo+	Vo1+
11	Vo+	-Senser1
12	-Senser	Vo2-
13	Trim	Trim
14	+Senser	Vo2+

