

Stand: 07/04

# COMMERCIAL DC/DC Converters PWM - regulated

wide input range 1:2  
 Case style: 2" x 2"

6 Watt /  
 10 Watt / 15 Watt  
 Series: DW2

**Electrical specifications:**

Input voltage range: wide 1:2  
 Output voltage accuracy: +/- 2%  
 Line regulation: +/- 0,2%  
 Load regulation: +/- 0,5%  
 Efficiency: min. 65%

Output Ripple & Noise: 100mVp-p  
 Short circuit protection: full protection  
 Operating temperature: -25°C to +70°C  
 Isolation voltage: min. 1000V DC  
 Five sided metal shield

**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

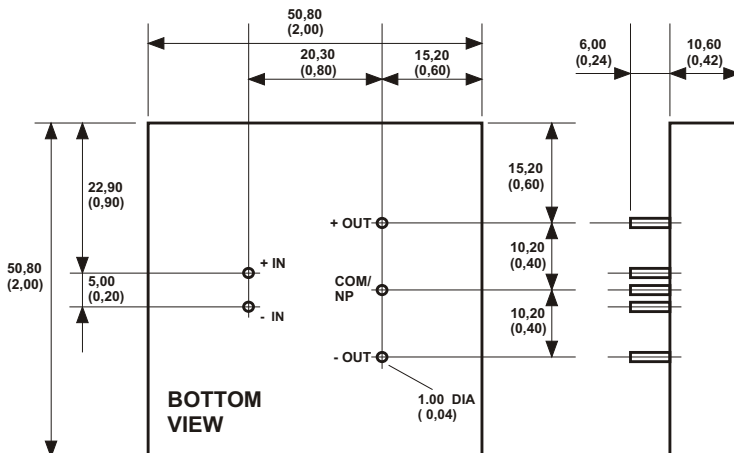
			6 Watt	10 Watt				6 Watt	10 Watt
Part - No. Single	Input Voltage	Output Voltage	Output Current	Output Current	Part - No. Dual	Input Voltage	Output Voltage	Output Current	Output Current
DW2-1205	12V	5V	1200mA	2000mA	DW2-1205D	12V	+/- 5V	+/-600mA	+/-1000mA
DW2-1212	( 9-18)	12V	500mA	833mA	DW2-1212D	( 9-18)	+/-12V	+/-250mA	+/- 416mA
DW2-1215		15V	400mA	666mA	DW2-1215D		+/-15V	+/-200mA	+/- 333mA
DW2-2405	24V	5V	1200mA	2000mA	DW2-2405D	24V	+/- 5V	+/-600mA	+/-1000mA
DW2-2412	(18-36)	12V	500mA	833mA	DW2-2412D	(18-36)	+/-12V	+/-250mA	+/- 416mA
DW2-2415		15V	400mA	666mA	DW2-2415D		+/-15V	+/-200mA	+/- 333mA
DW2-4805	48V	5V	1200mA	2000mA	DW2-4805D	48V	+/- 5V	+/-600mA	+/-1000mA
DW2-4812	(36-72)	12V	500mA	833mA	DW2-4812D	(36-72)	+/-12V	+/-250mA	+/- 416mA
DW2-4815		15V	400mA	666mA	DW2-4815D		+/-15V	+/-200mA	+/- 333mA

**Any other output voltages available**

**15 Watt**

Part - No. Single	Input Voltage	Output Voltage	Output Current	Part -No. Dual	Input Voltage	Output Voltage	Output Current
DW2-1205	12V	5V	3000mA	DW2-1205D	12V	+/- 5V	+/-1500mA
DW2-1212	( 9-18)	12V	1250mA	DW2-1212D	( 9-18)	+/-12V	+/- 625mA
DW2-1215		15V	1000mA	DW2-1215D		+/-15V	+/- 500mA
DW2-2405	24V	5V	3000mA	DW2-2405D	24V	+/- 5V	+/-1500mA
DW2-2412	(18-36)	12V	1250mA	DW2-2412D	(18-36)	+/-12V	+/- 625mA
DW2-2415		15V	1000mA	DW2-2415D		+/-15V	+/- 500mA
DW2-4805	48V	5V	3000mA	DW2-4805D	48V	+/- 5V	+/-1500mA
DW2-4812	(36-72)	12V	1250mA	DW2-4812D	(36-72)	+/-12V	+/- 625mA
DW2-4815		15V	1000mA	DW2-4815D		+/-15V	+/- 500mA

**Any other output voltages available**



ALL DIMENSIONS IN MM (INCHES)  
 MILLIMETERS +/- 0,5mm  
 (INCHES 0,02")

NP (no pin) on single output models  
 COM (common) on dual output models

Specification may be changed without notice  
 please contact office for verification

We can offer EMC - Filter  
 according to EN55011/22 Class B.