



**INDUSTRIAL**  
**FORWARD DC/DC Converters** **6 Watt / 10 Watt**

Wide input range 1:2 PWM - regulated Series: DIW2  
 Case style: 2" x 2"

Electrical specifications:

Ambient temperature: -25°C to +71°C no derating  
 Operating temperature: max. +105°C  
 Output voltage accuracy: +/- 2%  
 Line regulation: +/- 0,1%  
 Load regulation: +/- 0,5%  
 Efficiency: min. 70%  
 Short circuit protection: watchdog & auto - restart

Output Ripple & Noise: typ. 35mV  
 Isolation voltage: min. 1000V DC  
 Isolation voltage Part-Nr. /3: min. 3kV AC rms  
 Enable / Disable pin can be provided on request  
 U<sub>OUT,adjust</sub> pin can be established too  
 Five sided metal shield  
 Part-No. /5 External -IN & -OUT / COM connection allowed

**6 Watt**

Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DIW2-1205	12V	5V	1200mA	DIW2-1205D	12V	+/- 5V	+/-600mA
DIW2-1212	( 8-18V)	12V	500mA	DIW2-1212D	( 8-18V)	+/-12V	+/-250mA
DIW2-1215		15V	400mA	DIW2-1215D		+/-15V	+/-200mA
DIW2-2405	24V	5V	1200mA	DIW2-2405D	24V	+/- 5V	+/-600mA
DIW2-2412	(16-36V)	12V	500mA	DIW2-2412D	(16-36V)	+/-12V	+/-250mA
DIW2-2415		15V	400mA	DIW2-2415D		+/-15V	+/-200mA
DIW2-4805	48V	5V	1200mA	DIW2-4805D	48V	+/- 5V	+/-600mA
DIW2-4812	(34-75V)	12V	500mA	DIW2-4812D	(34-75V)	+/-12V	+/-250mA
DIW2-4815		15V	400mA	DIW2-4815D		+/-15V	+/-200mA

**10 Watt**

Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DIW2-1205	12V	5V	2000mA	DIW2-1205D	12V	+/- 5V	+/-1000mA
DIW2-1212	( 8-18V)	12V	833mA	DIW2-1212D	( 8-18V)	+/-12V	+/- 416mA
DIW2-1215		15V	666mA	DIW2-1215D		+/-15V	+/- 333mA
DIW2-2405	24V	5V	2000mA	DIW2-2405D	24V	+/- 5V	+/-1000mA
DIW2-2412	(16-36V)	12V	833mA	DIW2-2412D	(16-36V)	+/-12V	+/- 416mA
DIW2-2415		15V	666mA	DIW2-2415D		+/-15V	+/- 333mA
DIW2-4805	48V	5V	2000mA	DIW2-4805D	48V	+/- 5V	+/-1000mA
DIW2-4812	(34-75V)	12V	833mA	DIW2-4812D	(34-75V)	+/-12V	+/- 416mA
DIW2-4815		15V	666mA	DIW2-4815D		+/-15V	+/- 333mA

Any other output voltages available.

ALL DIMENSIONS IN MM (INCHES)

MILLIMETERS +/-0,25mm

(INCHES +/- 0,01")

CAUTION: NO INPUT POLARITY CHANGE ALLOWED !

/0 E / D : Enable / Disable pin

/2 ADJ : Adjustable output voltage

NP (no pin) on single output models

COM (common) on dual output models

