

■ These high performance, high value industrial grade dc-dc converters are fully sealed in metal for optimal protection against harsh environments. These converters are rated for full power operation from -40 to +85° C.

Industrial Models – Sealed Metal Cases

MODEL	VDC INPUT	OUTPUT @ FULL LOAD			MAX WATTS
		VDC	A	EFF %	
HR701-2805	19 to 40	5	10.00	80	60
HR701-2812	19 to 40	12	5.83	83	70
HR701-2815	19 to 40	15	4.67	83	70
HR702-2812	19 to 40	±12	5.50	83	70
HR702-2815	19 to 40	±15	4.40	83	70
HR703-28512	19 to 40	+5	4.20	84	60
		±12			
HR703-28515	19 to 40	+5	3.33	84	60
		±15			

3.20 x 2.45 x 0.595 (81.28mm x 62.23mm x 15.11mm)

MODEL	VDC INPUT	OUTPUT @ FULL LOAD			MAX WATTS
		VDC	mA	EFF (%)	
HR301-2805	19 to 36	5	6000	82	30
HR301-2812	18 to 36	12	2500	84	30
HR301-2815	18 to 36	15	2000	86	30
HR302-2812	18 to 36	±12	±1250	84	30
HR302-2815	18 to 36	±15	±1000	85	30

2.70 x 1.35 x 0.5 (68.58mm x 34.29mm x 12.70mm)

MODEL	VDC INPUT	OUTPUT @ FULL LOAD			MAX WATTS
		VDC	mA	EFF (%)	
HR151-2805	18 to 36	5	3000	81	15
HR151-2812	18 to 36	12	1667	82	20
HR151-2815	18 to 36	15	1333	83	20
HR151-1205	10 to 16	5	3000	81	15
HR151-1212	10 to 16	12	1250	82	15
HR151-1215	10 to 16	15	1000	83	15
HR152-2812	18 to 36	±12	±625	79	15
HR152-2815	18 to 36	±15	±500	79	15
HR153-2812	18 to 36	+5	2000	79	15
		±12	±208		
HR153-2815	18 to 36	+5	2000	79	15
		±15	±167		

2.12 x 1.12 x 0.5 (53.85mm x 28.45mm x 12.70mm) (HR151/152)
1.92 x 1.35 x 0.5 (49.53mm x 34.29mm x 12.70mm) (HR153)

MODEL	VDC INPUT	OUTPUT @ FULL LOAD			MAX WATTS
		VDC	mA	EFF (%)	
HR121-2805	16 to 40	5	2000	77	10
HR121-2812	16 to 40	12	1000	81	12
HR121-2815	19 to 40	15	800	82	12
HR122-2812	16 to 40	±12	±500	81	12
HR122-2815	19 to 40	±15	±400	82	12

1.455 x 1.125 x 0.325 (36.96mm x 28.76mm x 8.26mm)

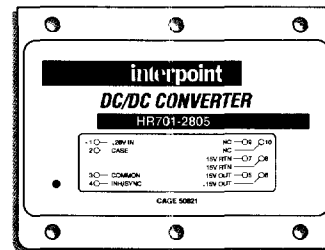
MODEL	VDC INPUT	OUTPUT @ FULL LOAD			MAX WATTS
		VDC	mA	EFF (%)	
HR41-2805	18 to 32	5	700	72	3.5
HR42-2812	18 to 32	±12	±167	75	4.0
HR42-2815	18 to 32	±15	±133	75	4.0
HR43-28512	18 to 32	+5	400	70	3.2
		±12	±50		
HR43-28515	18 to 32	+5	400	70	3.2
		±15	±40		

1.075 x 1.075 x 0.350 (27.31mm x 27.31mm x 8.89mm)

interpoint

HR700 SERIES

- Up to 70 watts output power
- 19 to 40 volts input
- Single dual or triple outputs
- Up to 84% efficiency
- Sealed metal case
- -40 to +85° C Operation



HR300 SERIES

- Up to 30 watts output power
- 18 to 36 volts input
- Single, dual or triple output
- Up to 86% efficiency
- Sealed metal case
- -40 to +85° C Operation



HR150 SERIES

- Up to 20 watts output power
- 18 to 36 or 10 to 16 volts input
- Single, dual or triple outputs
- 2 input voltage ranges
- Sealed metal case
- -40 to +85° C Operation



HR120 SERIES

- Up to 12 watts output power
- Low profile 0.035 inches
- 16 to 40 volts input
- Single or dual outputs
- Up to 82% efficiency
- Sealed metal case
- -40 to +85° C Operation



HR40 SERIES

- Up to 4 watts output power
- 18 to 32 volts input
- Single, dual or triple outputs
- Up to 75% efficiency
- Sealed metal case
- -40 to +85° C Operation



Call: (800) 822-8782

Intl: 44-1252-815511