

DC TO DC CONVERTER ISOLATED 5 TO 60 WATTS

FEATURES :

- Latest PWM Controller DPA Switch based design.
- Energy efficient over entire load range
- Higher System Reliability
- High efficiency, Low cost.
- Output power up to 60 W.
- Screw type input and output connectors.
- Compact, light weight.
- Low Ripple and Noise

TECHNICAL SPECIFICATIONS:

• Input

Input Voltage	18V - 36V OR 36V - 72V DC.
Input Connector	2-pin screw terminal.
Input Protections	Polarity Protection

• Output

Output Voltage	Selectable From Table 1.1
Output Current	Selectable From Table 1.1
Output Power	UP TO 60 W.
Output Connector	2-pin screw terminal.
Output Indications	GREEN LED.
Output Protections	Over load Protection.
Line Regulation	< +/- 1%.
Load Regulation	< +/- 1%.
Ripple and Noise	< +/- 1%.
Efficiency	80%.

• Environmental

Operating Temperature	55 oC at Full Load and 70oC at 60% load.
Operating Humidity	85% NC.

S. No.	MODEL	INPUT V	OUTPUT V	OUTPUT CURRENT
1.	D12-2403	18-36V	3.3 V	3.0 A
2.	D12-2405	18-36V	5.0 V	1.0 A
3.	D12-2405	18-36V	5.0 V	2.0 A
4.	D12-2409	18-36V	9.0 V	1.0 A
5.	D12-2412	18-36V	12.0 V	1.0 A
6.	D20-2470	18-36V	70.0 V	150 mA
7.	D60-2424	18-36V	24 V	1.5 A
8.	D60-4812	36-48V	12.0 V	4.0 A
9.	D60-4812	36-48V	24.0 V	3.0 A
10.	D60-4870	36-48V	48.0 V	1.0 A
11.	D60-4815015	36-48V	+15 V, -15V, +5V	0.5A, 0.5A, 1.0 A

Table 1.1



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