



**DC/DC Converter Series**

Item	Part Name	Model Name	Power (W)	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current(A)	Efficiency	Size (mm)	Cooling system	Weight (Kg)	Certificate
1	240W DC/DC CONVERTER	AT240W-1224V	240	6~18	26	10	≥90%	185x69x45	Natural	0.5	N/A
2	300W DC/DC CONVERTER	AT300W-2713V	300	18~36	13			450x380x190	N/A	8.5	
3		ATD300-540S12-M	300	200~800	12	25	178x90x33	N/A	0.5		
4		ATD300-540S24-M			24	12.5					
5		ATD300-540S12-N			12	25	208x129x45	Natural	1.5		
6		ATD300-540S24-N			24	12.5					
7		1.5KW DC/DC CONVERTER	ATD1K5-380S14-M	1500	250~450	13.8	109	≥95%	180x120x50	N/A	1.6
8	ATD1K5-540S14-M		400~750		262x180x120				Fan	4.5	
9	ATD1K5-380S14-A		250~450								
10	ATD1K5-540S14-A		400~750								
11	ATD1K5-380S14-W		250~450		234x156x80				Liquid	3	
12	ATD1K5-540S14-W		400~750								
13	2KW DC/DC CONVERTER	ATD2K-380S14-M	2000	250~450	13.8	145	≥95%	180x120x50	N/A	1.6	
14		ATD2K-540S14-M		400~750				262x180x120	Fan	4.5	
15		ATD2K-380S14-A		250~450							
16		ATD2K-540S14-A		400~750							
17		ATD2K-380S14-W		250~450				234x156x80	Liquid	3	
18		ATD2K-540S14-W		400~750							
19	2.4KW DC/DC CONVERTER	ATD2K4-540S14-W	2400	400~750	13.8	174	≥95%	242x161x70	Liquid	3	
20	3KW DCDC CONVERTER	ATD3K-380S27-M	3000	200~500	27.5	110	≥95%	200x120x50	N/A	1.8	
21		ATD3K-540S27-M		400~750					Fan		
22		ATD3K-640S27-M		400~900					Liquid		
23		ATD3K-380S27-A		200~500				262x180x120	N/A	4.8	
24		ATD3K-540S27-A		400~750							Fan
25		ATD3K-640S27-A		400~900				Liquid			
26		ATD3K-380S27-W		200~450				234x156x80	N/A	3	
27		ATD3K-540S27-W		400~750							Fan
28		ATD3K-640S27-W		400~900							Liquid
29		6KW DC/DC CONVERTER		ATD6K-540S27-M				6000	400~750	27.5	218
30	ATD6K-540S27-W		326x211x83	Liquid	5						



**Features:**

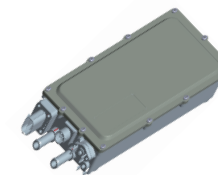
CERTIFICATE: GB/ & CE

Rated output power:3000W

Communication format:INTEL, MOTOROLA

Communication method:CAN BUS A/ B

CAN byte speed:250Kpps/500Kpps



Description	Specification								
	3KW DCDC MODULE			3KW DCDC LIQUID COOLING			3KW DCDC AIR COOLING		
Product name	3KW DCDC MODULE			3KW DCDC LIQUID COOLING			3KW DCDC AIR COOLING		
Model No.	ATD3K-380S27-M	ATD3K-540S27-M	ATD3K-650S27-M	ATD3K-380S27-W	ATD3K-540S27-W	ATD3K-650S27-W	ATD3K-380S27-A	ATD3K-540S27-A	ATD3K-650S27-A
Input voltage range	200-500VDC	400-750VDC	400-900VDC	200-500VDC	400-750VDC	400-900VDC	200-500VDC	400-750VDC	400-900VDC
Output voltage range	27.5VDC								
Output current(A)Max.	110A								
Auxiliary power VCC	9-32VDC								
Efficiency	≥ 95%								
Voltage accuracy	±1%								
Output voltage ripple	≤ 500mV								
Wake up method	hard wire, high voltage								
Quiescent Current	≤ 2mA								
Protection characteristics	Input over and under voltage, output over and under voltage, input anti-reverse connection, output over current and short circuit protection, over temperature protection								
Electromagnetic compatibility	GB/T 18655-2010								
Operating temperature	-40~85°C								
Dimensions	200x120x50mm			234x156x80mm			262x180x120mm		
Cooling method	Heat sink attached to bottom plate			Liquid , flow ≥ 6L/min			Fan		
Weight(kg)	≤ 1.8			≤ 3			≤ 4.8		