

DC-DC Converters

Bespoke and Variant Options

From 9V to 110V DC input with a range of outputs to suit your needs.

From our comprehensive range of DC-DC Converters, we can design bespoke solutions to your power needs. Input voltages from 9V-110Vdc are available with output voltages set to suit your needs. Products can also be upgraded, for example, to higher IP ratings or for high temperature performance. With specialist engineering skills in Switchmode DC-DC power conversion, we can undertake complete bespoke design projects to suit your requirements.



Like all AlfaTronix products, the VARIANT units are covered by our **No quibble Lifetime Warranty**

Recent Examples:



- Wide input (11V-32V) unit with 10V output to power GPS systems on waste disposal trucks.
- Wide input (10V-32V) unit with 9V output to power thermal printers
- Wide input (9V-32V) unit with 5V output for data logging systems on buses.
- Wide input (9V-32V) unit for motorway information signs.



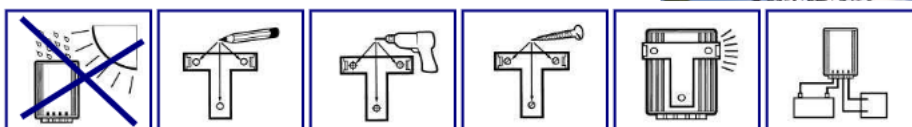
Power solutions for Forklift trucks, Combine Harvesters, Trams and other specialist vehicle can all be served as well as a variety of general industrial application.



Check out our Variants List

Please check out our list of existing 'Variants' (on reverse). These units have already been engineered and tested and may offer a fast and economical solution to your needs

A variety of mounting methods are available including the AlfaTronix CLICK'N'FIT system



Variant Options

Product Name	I/P (V)	O/P (V)	Current	Dims (mm)	Weight (g)
ISOLATED RANGE					
DDI 9/32 9 072	8.5-32	9V	8A	167x87x50	560
DDI 12-12 036-A	8.4-17	12V	3A	89x87x50	280
DDI 12-12 072-M	8.4-17	12V	6A	167x87x50	560
DDI 12-12 072 D	8.4-17	12.6V	6A	167x87x50	560
DDI 12-15 036	10-16	15V	2.5A	89x87x50	280
DDI 10-32 16 072	10-32	16V	4.5A	167x87x50	560
DDI 10-32-5 040	10-32	5.0V	8A	127x87x50	405
DDI 24-5 050	17-32	5.0V	10A	127x87x50	405
DDI 24-7 060	17-32	7.0V	8A	127x87x50	405
DDI 24-9 036	17-32	9.0V	4A	89x87x50	290
DDI 24-12 036-M	17-32	12.0V	3A	89x87x50	290
DDI 24-12 072-M	17-32	12.0V	6A	127x87x50	405
DDI 24-15 036	19-32	15.0V	3A	89x87x50	290
DDI 48-12 036	18-55	13.6V	3A	89x87x50	290
DDI 48-12 072	33-55	13.6V	6A	127x87x50	405
DDI 24-19 060	17-32	19V	3A	127x87x50	405
DDI 24-20 108	17-32	20V	5.5A	167x87x50	560
DDI 24-24 036	18-32	27.6V	1.5A	89x87x50	290
DDI 24-24 072 M	17-32	24.0V	3A	127x87x50	460
DDI 24-24 108 L	17-32	24.0V	4.5A	167x87x50	560
DDI 48-24 072	33-55	27.2V	3A	127x87x50	460
DDI 48-48 240	33-55	48.0V	5A	217x87x62	900
DDI 072-12 072	55-100	13.6V	6A	165x87x59	675
DDI 072-24 072	55-100	27.2V	3A	165x87x59	675
DDI 110-12 108	85-135 DC	13.6V	9A	165x87x59	675
DDI 110-24 108	85-135 DC	27.2V	4.5A	165x87x59	675
NON ISOLATED RANGE BUCK MODE (DROPPERS)					
DD 9/32-3 020	9.0-32	3.0V	7A	67x87x50	225
DD 9/32-4 025	9.0-32	3.8V	6A	67x87x50	225
DD 9/32-5 035	9.0-32	5.0V	7A	67x87x50	225
DD 9/32-5 075	9.0-32	5.0V	15A	127x87x50	405
DD 10/32-5 150	10-32	5.0V	30A	167x87x50	620
DD 9/32-6 036	9.0-32	6.0V	6A	67x87x50	225
DD 9/32-6 090	9.0-32	6.0V	15A	127x87x50	405
DD 9/32-7 020-F	9.0-32	7.2V	3A	67x87x50	225
DD 9/32-7 040-M	9.0-32	7.5V	6A	67x87x50	225
DD 10/32-7 168	10.0-32	7.5V	22A	167x87x50	620
DD 10/32-8 064	10.0-32	8.0V	8A	89x87x50	270
DD 10/32-8 200	10.0-32	8.2V	25A	167x87x50	620
DD 11/32-9 036	11.0-32	9.0V	4A	67x87x50	225
DD 11/32-9 072	11.0-32	9.0V	8A	89x87x50	270
DD 11/32-10 040	11-32	10.0V	4A	67x87x50	225
DD 15/32-13 036	15-32	13.6V	3A	67x87x50	225
DD 18/32 15 075	18-32	15.0V	5A	89x87x50	270
DD 18/32 16 072	18-32	16.0V	4A	89x87x50	270
DD 24-12 036 W	17-32	12.0V	3A	67x87x50	225
DD 24-12 072 F	17-32	12.0V	6A	89x87x50	270
DD 24-12 144	17-32	12.0V	12A	127x87x50	405
DD 13/32 12 220	13-32	12.0V	18A	167x87x50	620
DD24-14 330	17-32	14.1V	24A	167x87x50	620
DD 24-18 100	20-32	18.0V	6A	89x87x50	270
DD 48-5 125	27-55	5.2V	25A	167x87x50	620
DD42-12 200	17-45	13.6V	17A	167x87x50	620
DD48 24 108	35-55	27.0V	4.5A	89x87x50	320
DD48-24 168	35-55	27.0V	7A	127x87x50	420

Product Name	I/P (V)	O/P (V)	Current	Dims (mm)	Weight (g)
MULTIPLE OUTPUT UNITS					
PV3s-A	17-32	13.6V	perm/sw	67x87x50	225
DD24-12/5 130	18-32	12V & 5V	7A, 9A	220x87x50	620
DD24-12/5 072	18-32	12V & 5V	4A, 5A	127x87x50	420
DD24-12/5 100 C	18-32	13.6V & 5V	6A, 5A	127x87x50	420
NON ISOLATED RANGE BOOST MODE					
DD 12-17 168	9.0-15	17.0V	10A	167x87x50	620
DD 12 19 060	8.5-15	19.0V	3A	89x87x50	290
DD 12-19 168	9.0-15	19.0V	9A	167x87x50	620
DD 12-24 168 V	9.0-15	24.0V	7A	167x87x50	620
DD 12-24 240 S	9.0-15	27.2V	10A	217x87x50	835
DD 12-36 072	8.4-15.6	36.0V	2A	89x87x50	290
DD 12-36 168	9-15.6	36.0V	4.5A, 6A	167x87x50	620
DD 12-36 240	9-15.6	36.0V	6.5A, 7A	217x87x50	835
DD 24-32 072	21-28	32.0V	6A	89x87x50	290
DD 24-48 072	17-32	48.0V	1.5A	89x87x50	290
DD 24-48 100	17-32	48.0V	2.0A	127x87x50	400
MAINS VARIANTS					
AD 05 090	115/230Vac	5.0V	18A	215x87x59	900
AD 06 036	115/230Vac	7.2V	5A	165x87x59	675
AD 07 072	115/230Vac	7.4V	10A	165x87x59	675
AD 09 036	115/230Vac	9.0V	3A	165x87x59	675
AD 11 036	115/230Vac	11.1V	3A	165x87x59	675
AD 12 036 N	115/230Vac	14.2V	3A	165x87x59	675
AD 12 108 N	115/230Vac	14.2V	9A	165x87x59	675
AD 20 108	115/230Vac	20.0V	5A	165x87x59	675
AD 48 108 D	115/230Vac	48.0V	2.25A	165x87x59	675
AD 12 168 N	115/230Vac	14.2V	14A	215x87x59	900
AD 48 168	115/230Vac	48.0V	3.5A	215x87x59	900
AD 24 240 S	115/230Vac	24.0V	10A	255x87x63	1150
AD 48 240 D	115/230Vac	48.0V	5A	255x87x63	1150
AD 30 240	115/230Vac	30.3V	8A	255x87x63	1150
AD 36 240	115/230Vac	40.8V	6.5A	255x87x63	1150
AD 12 300	115/230Vac	13.6V	25A	275x87x63	1260
AD 12 300 N	115/230Vac	14.2V	25A	275x87x63	1260
AD 24-300	115/230Vac	27.2V	12.5A	275x87x63	1260
AD 12 108-V	115/230Vac	10-15V	9A	165x87x59	675
AD 48 108 V	115/230Vac	40-60V		165x87x59	675
WEDGE-24	115/230Vac	27.2V	4.5A	168x125x68	800
OTHERS					
PV3S-W	17-32	13.6V	3A	80x87x45	230

The above table presents a list of existing variant options.
Data sheets and further details are available on request.



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