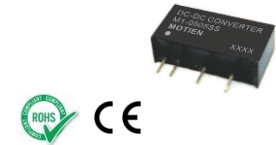


MOTIEN TECHNOLOGY CO., LTD.

Motien Technology offers a complete product series of isolated DC/DC converters with fully regulated, semi-regulated and unregulated output voltage. All models are with high efficiency and CE Approval! The latest products are NL1, NL2, NP1, NP2 series which have the function of continuous short circuit protection. feature I/O Isolation of 3000VDC / 6000VDC and operating ambient temperature range of -40°C to +90°C, which is suitable for various applications – industries automation, instruments.... etc.

Preferred and Trusted DC Power Source !

Series	Watts	Input Range		Efficiency	Isolation Voltage	Package	Features
V1	0.5W	Fixed Input	3.3V 5V 12V 15V 24V	79%	1000~6000Vdc	SIP 7 / DIP 14	1. Unregulated Single & Dual Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C 4. Certification: UL (1W)
	0.75W			80%			
	1W			86%			
M1	1W	Fixed Input	5V 12V 15V 24V 48V	89%	1000~3000Vdc	SIP7	1. Semi - regulated Single & Dual Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C
	2W			90%			
	3W						
VL	1W	Fixed Input	5V 9V 12V 15V 24V	81%	6000Vdc	SIP 7	1. Unregulated Single & Dual Output 2. Low Ripple and Noise / Long Term Short Circuit Protection / Low coupling capacitance 3. Physical clearance Barrier of 2.5mm with rated working voltage 250V rms 4. Operation Temperature Range -40°C~+85°C
VL2	2W						



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Preferred and Trusted DC Power Source !

Series	Watts	Input Range	Output Range	Efficiency	Package	Features		
VA	0.25W	Fixed Input	3.3V 5V 12V 15V 24V	Single Output 3.3V / 5V / 7.2V / 9V 12V / 15V / 18V / 24V	SIP 4 / DIP 8	1. Unregulated Single Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C 4. 1000~3000 VDC Isolation		
	0.5W							
	1W							
	1.5W							
VA-D01	1W	Fixed Input	3.3V 5V 12V 15V 24V	Dual Separate Output 3.3V, 3.3V / 5V, 5V 7.2V, 7.2V / 9V, 9V 12V, 12V / 15V, 15V 18V, 18V / 24V, 24V	83%	DIP 8	1. Unregulated Dual Separate Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C 4. 1000~3000 VDC Isolation	
VA-DD1	1W	Fixed Input	3.3V 5V 12V 15V 24V	Dual Output ±3.3V / ±5V / ±7.2V / ±9V ±12V / ±15V / ±18V / ±24V	85%	DIP 8	1. Unregulated Dual Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C 4. 1000~3000 VDC Isolation	
V3	2W	Fixed Input	3.3V 5V 12V 15V 24V	Single & Dual Output (±) 3.3V / (±) 5V / (±) 7.2V (±) 9V / (±) 12V (±) 15V / (±) 24V	86%	SIP 7 / DIP 14	1. Unregulated Single & Dual Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C 4. 1000~6000 VDC Isolation	
V3-S / D 01 (02)	2W	Fixed Input	5V 12V 24V	S / D01 5V, 3.3V / 5V, 7.2V 5V, 9V / 5V, 12V 5V, 15V / 5V, 18V 5V, 24V	S / D02 3.3V, 3.3V / 5V, 5V 7.2V, 7.2V / 9V, 9V 12V, 12V / 15V, 15V 18V, 18V / 24V, 24V	80%	SIP 7 / DIP 14	1. Unregulated Dual Separate Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C 4. 1000~3000 VDC Isolation



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Series	Watts	Input Range	Efficiency	Isolation Voltage	Package	Features
VE	2W	Fixed Input 5V 12V 15V 24V	88%	1000~3000Vdc	SIP 4	1. Unregulated Single Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C  
NE3	3W	Fixed Input 5V 12V 24V	91%	3000Vdc	SIP 4	1. Unregulated Single Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+90°C 4. EMI Complies With EN55032 Class B  
V4	1W	Fixed Input 3.3V 5V 12V 24V	73%	1000~3000Vdc	SIP 7 / DIP 14	1. Regulated Single Output 2. Low Ripple and Noise 3. Operation Temperature Range -40°C~+85°C  
M4	1W	Fixed Input 5V 12V 24V	68%	1000~3000Vdc	SIP 7	1. Regulated Single Output 2. Low Ripple and Noise / Continuous Short Circuit Protection 3. Operation Temperature Range -40°C~+85°C  
V5	1.5W	Fixed Input 5V 12V 24V	79%	1000~6000Vdc	DIP 24	1. Regulated Single & Dual Output 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40°C~+85°C  
	2W		81%			
	3W		83%			



ISO 9001 / ISO 14001 / IECQ QC080000

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Preferred and Trusted DC Power Source !

Series	Watts	Input Range	Efficiency	Isolation Voltage	Package	Features
NEW NL1	1W	Fixed Input 3.3V 5V 12V 24V	83%	3000Vdc	SIP 4	1. Unregulated Single Output 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40°C~+95°C  
NEW NL2	2W	Fixed Input 3.3V 5V 12V 24V	86%	3000Vdc	SIP 4	1. Unregulated Single Output 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40°C~+90°C  
NEW NP1	1W	Fixed Input 3.3V 5V 12V 24V	84%	3000 / 6000Vdc	SIP 7	1. Unregulated Single & Dual Output 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40°C~+95°C  
NEW NP2	2W	Fixed Input 3.3V 5V 12V 24V	87%	3000 / 6000Vdc	SIP 7	1. Unregulated Single & Dual Output 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40°C~+90°C  



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