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Motien Technology offers a complete product series of DIP package with wide input range from powering ranging 1.5 to 15 Watt. Suitable for various applications – Industries Automation, Power System, Network, I.T. Application, Telecom Equipment ... etc. The newest **NB3R5HW** (4:1 wide input) series is the high power density product in DIP16 package and reinforced insulation for 250Vrms working voltage.



Series	Watt	Input Range		Efficiency	Isolation Voltage	Package	Features	Certification	Picture
MD	3W	2:1	9~18V 18~36V 36~75V	81%	1500~3000Vdc	DIP24 Plastic Case	1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection / Over Load Protection / Under Voltage Lockout 3. Operation Temperature Range -40~85°C 4. EMC Filter Meets EN55032 Class A without Adding External Components	ROHS CE CULUS FC CB	
	6W			85%					
MK	3W	4:1	9~36V 18~75V	81%	1500~3000Vdc	DIP24 Plastic Case	1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection / Over Load Protection / Under Voltage Lockout 3. Operation Temperature Range -40~85°C 4. EMC Filter Meets EN55032 Class A without Adding External Components	ROHS CE CULUS FC CB	
	6W			85%					
RW	8W	Ultra Wide Input Range	13~70V 42~176V	86%	3000Vdc	DIP24 Metal Case	1. Isolated & Regulated/ No Minimum Load Required 2. Continuous Short Circuit Protection / Over Voltage Protection / Over Load Protection / Remote On / Off Control / Under Voltage Lock-out Circuit 3. Operation Temperature Range -40~85°C	ROHS CE	
VU	12W	2:1	9~18V 18~36V 36~75V	91%	1600Vdc	DIP24 Metal Case	1. Isolated & Regulated/ No Minimum Load Required / High Power Density 2. Continuous Short Circuit Protection / Over Voltage Protection / Over Load Protection / Remote On/Off Control / Soft Start 3. Operation Temperature Range -40~85°C 4. EMC Filter Meets EN55032 Class A without Adding External Components (VU-15W only)	ROHS CE	
	15W								
VV	8W	4:1	9~36V 18~75V	87%	1600Vdc	DIP24 Metal Case	1. Isolated & Regulated / No Minimum Load Required / High Power Density 2. Continuous Short Circuit Protection / Over Voltage Protection / Over Load Protection / Remote On/Off Control / Soft Start 3. Operation Temperature Range -40~85°C 4. EMC Filter Meets EN55032 Class A without Adding External Components (VV-15W only)	ROHS CE CULUS CB	
	10W			88%					
	12W			90%					
	15W			90%					

Series	Watt	Input Range		Efficiency	Isolation Voltage	Package	Features	Certification	Picture
FD	4W	2:1	4.5~9V	83%	1500~3500Vdc	DIP24 Metal Case (Plastic Case Optional)	<ol style="list-style-type: none"> 1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40~85°C 		
	5W								
	6W								
VD	3W	2:1	9~18V 18~36V 36~72V	82%	1500~3500Vdc	DIP24 Metal Case (Plastic Case Optional)	<ol style="list-style-type: none"> 1. Isolated & Regulated/ No Minimum Load Required 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40~85°C 		
	4W			82%					
	5W			83%					
	6W			83%					
	8W	2:1	9~18V 18~36V 36~72V	85%	1500Vdc	DIP24 Metal Case	<ol style="list-style-type: none"> 1. Isolated & Regulated / No Minimum Load Required / High Power Density 2. Continuous Short Circuit Protection / Soft Start / Over Voltage Protection (VD-10W only) 3. Operation Temperature Range -40~85°C 		
	10W	2:1	9~18V 18~36V 36~75V	90%					
VK	3W	4:1	9~36V 18~72V	80%	1500~3500Vdc	DIP24 Metal Case (Plastic Case Optional)	<ol style="list-style-type: none"> 1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection 3. Operation Temperature Range -40~85°C 		
	4W			84%					
	5W			84%					
	6W			84%					
M10A	10W	4:1	9~36V 18~75V	87%	1600Vdc	DIP16 Copper Case	<ol style="list-style-type: none"> 1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection / Over Load Protection / Under Voltage Lockout / Adjustable Output Voltage 3. Operation Temperature Range -40~100°C 4. EMC Filter Meets EN55032 Class A without Adding External Components 		
NA3W	3W	4:1	4.5~18V 9~36V 18~75V	84%	1600Vdc	DIP8 Plastic Case	<ol style="list-style-type: none"> 1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection / Remote on/off control / Under Voltage Lockout 3. Operation Temperature Range -40~80°C 		
NEW NB3R5HW	3.5W	4:1	4.5~18V 9~36V 18~75V	84%	5000VAC	DIP16 Plastic Case	<ol style="list-style-type: none"> 1. Isolated & Regulated / No Minimum Load Required 2. Continuous Short Circuit Protection / Remote on/off control / Under Voltage Lockout 3. Reinforced Insulation for 250Vrms Working Voltage 4. Operation Temperature Range -40~90°C 	