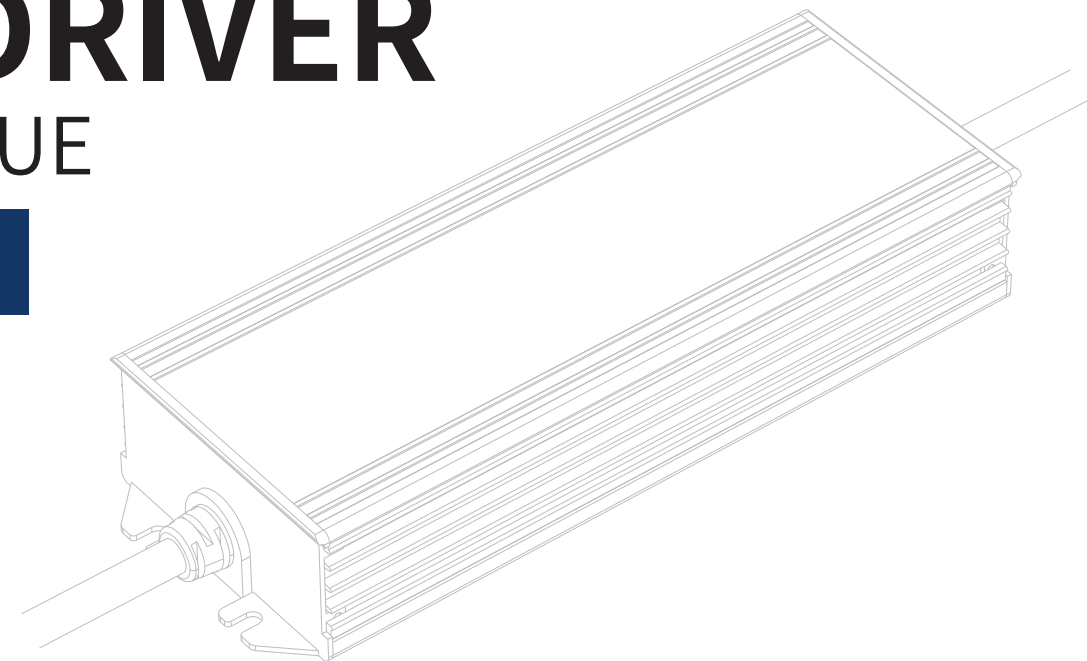




WATERPROOF LED DRIVER

CATALOGUE

2024.09



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ABOUT EAGLERISE

COMPANY PROFILE

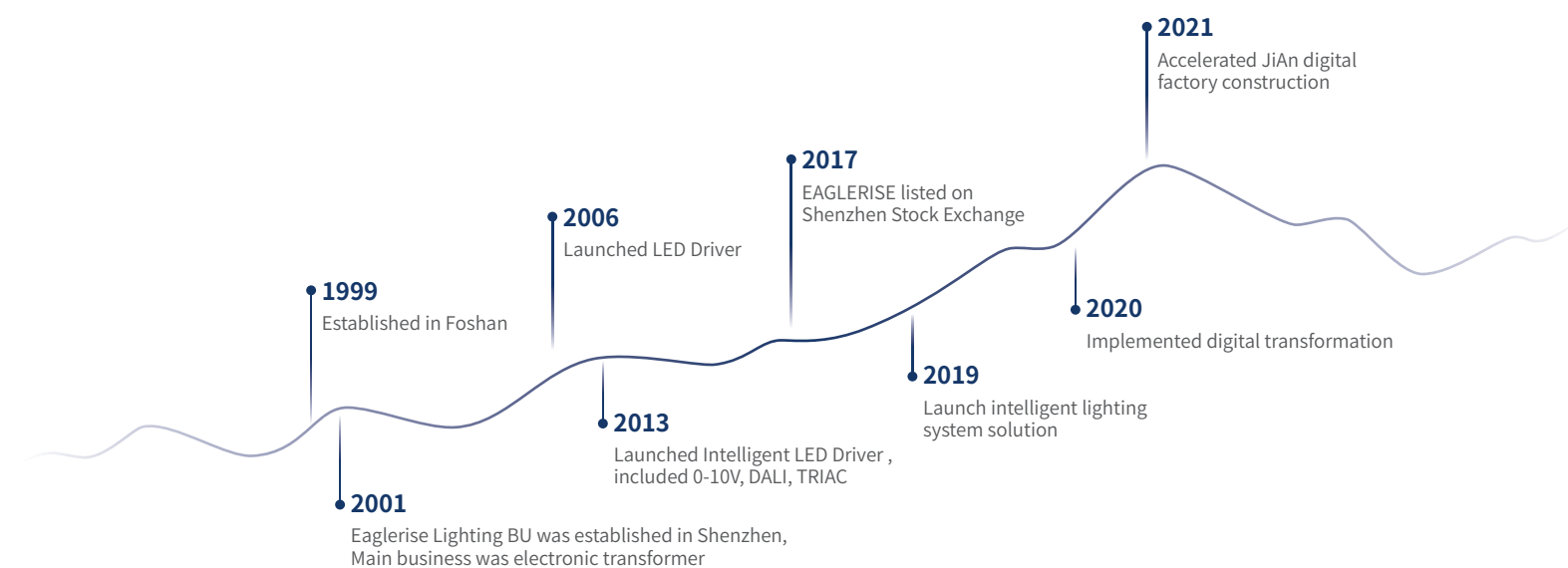
Eaglerise Electric & Electronic (China) Co., Ltd. was established in 1999 in Foshan, China. Now we have 3 production bases, 3 R&D centers, 4,5000 square meters manufacturing plant and about 3000 employees. Eaglerise is dedicated to providing competitive power supplies, component products and solutions to the global market. Our main product lines include 8 major categories and over 500 models covering LED driver, LED application product, switching power supply, power supply transformer, inductor, special type transformer, reactor, distribution transformer, widely used in the fields of lighting, renewable energy, industrial control, electricity utility, etc. Eaglerise is making continuous efforts to become a first-class industry supplier.

To follow markets and focus on customers, Eaglerise set up its sales and marketing branches in Shanghai, Japan, USA and Germany. Eaglerise is proud of being a global and loyal partner to all our cumstomers, suppliers, and business partners.

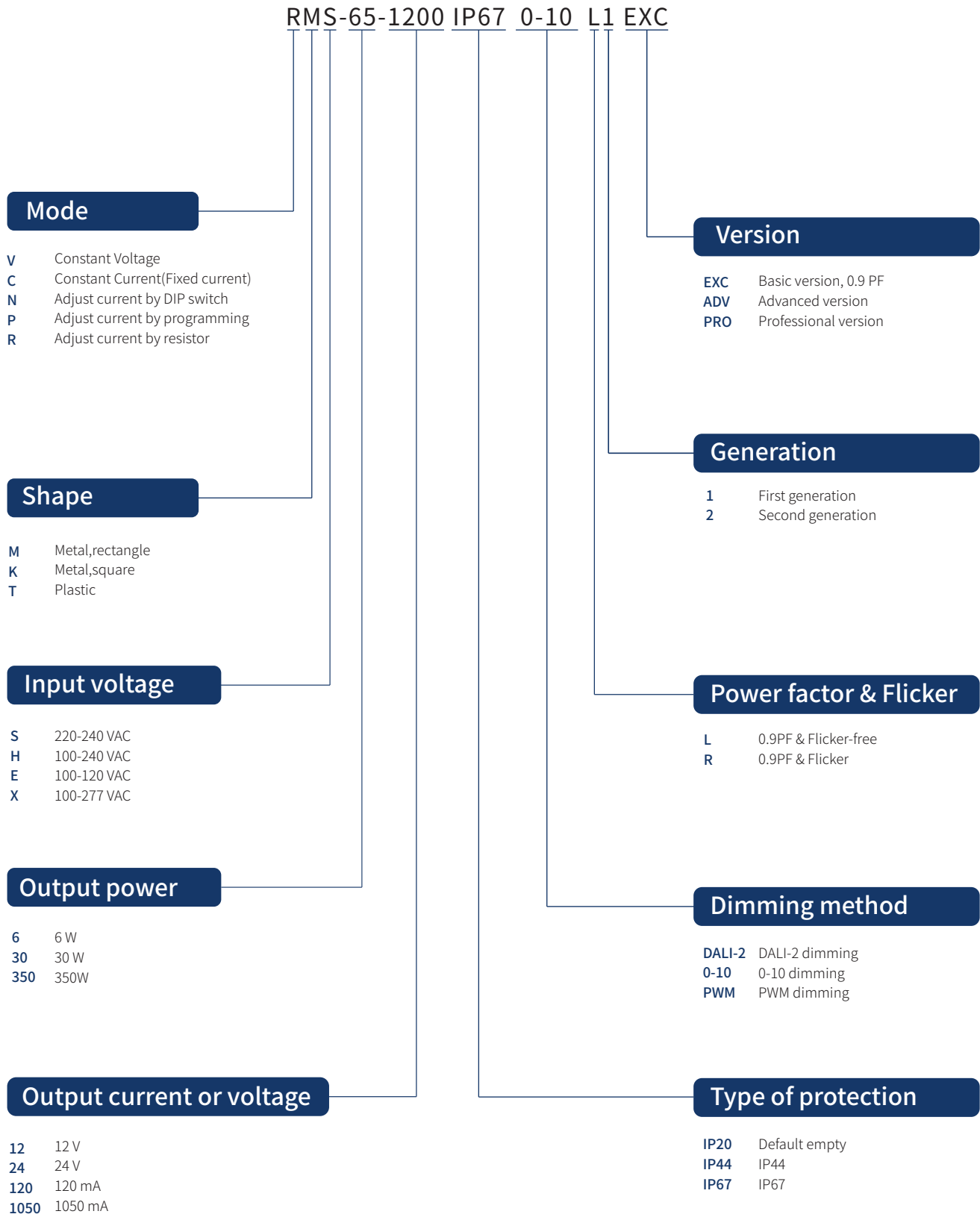
In December 2017, Eaglerise was successfully listed in Shenzhen Stock Exchange and officially became a public company. This could be better to create continuously increasing value to customers, employees, shareholders and society.

COMPANY HISTORY

COMPANY HISTORY



Naming Rules



Europe Standard CV Bipolar Isolated Series

VMS EXC Series	01
VMH Series	02-03
VTS Series	04

Europe Standard CV Bipolar Isolated Dimming Series

MS DALI Dimming Series	05
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America Standard CV Bipolar Isolated Series

VMS Series	06
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America Standard CV Bipolar Isolated Dimming Series

VMS Series	07
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Europe Standard CC Isolated Series

RMH Series	08
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Europe Standard CC Isolated Dimming Series

RMS 0-10V Dimming Series	09
RMX PWM Dimming Series	10

VMS EXC Series **NEW**

- Power range:50-320W
- Compact design with high power density
- High efficiency up to 94%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP/UVP/OTP
- No-load power <0.5W
- THD <5%
- Lifetime:50000 hours;5 years warranty
- IP67



CE CB   SELV

VMH Series

- Power range:40-150W
- Output Voltage:12/24/36/42/48V
- Compact design with high power density
- High efficiency up to 93%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP/UVP/OTP
- Lifetime:50000 hours;5 years warranty
- IP67



CE CB   SELV

Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
VMS-50-12 IP67 R EXC	50W	220-240V	12V	0-4.17A	86%	>0.98	4KV/6KV	126*39*28mm
VMS-50-24 IP67 R EXC	50W	220-240V	24V	0-2.08A	88%	>0.98	4KV/6KV	126*39*28mm
VMS-75-12 IP67 L EXC	75W	220-240V	12V	0-6.25A	88%	>0.98	4KV/6KV	138*47*32mm
VMS-75-24 IP67 L EXC	75W	220-240V	24V	0-3.125A	89%	>0.98	4KV/6KV	138*47*32mm
VMS-100-12 IP67 L EXC	100W	220-240V	12V	0-8.33A	91%	>0.98	4KV/6KV	159*53*32mm
VMS-100-24 IP67 L EXC	100W	220-240V	24V	0-4.17A	91.5%	>0.98	4KV/6KV	159*53*32mm
VMS-150-12 IP67 L EXC	150W	220-240V	12V	0-12.5A	91%	>0.98	4KV/6KV	171*60*36mm
VMS-150-24 IP67 L EXC	150W	220-240V	24V	0-6.25A	92%	>0.98	4KV/6KV	171*60*36mm
VMS-200-12 IP67 L EXC	200W	220-240V	12V	0-16.67A	91.5%	>0.98	4KV/6KV	181*60*36mm
VMS-200-24 IP67 L EXC	200W	220-240V	24V	0-8.33A	92.5%	>0.98	4KV/6KV	181*60*36mm
VMS-250-24 IP67 L EXC	250W	220-240V	24V	0-10.42A	94%	>0.98	4KV/6KV	208*70*36mm
VMS-320-24 IP67 L EXC	320W	220-240V	24V	0-13.33A	94%	>0.98	4KV/6KV	225*63*36mm

Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
VMH-40-12 IP67 R	40W	90-264V	12V	0-2.92A	87%	>0.95	4KV/6KV	165*42.5*32mm
VMH-40-24 IP67 R	40W	90-264V	24V	0-1.67A	89%	>0.95	4KV/6KV	165*42.5*32mm
VMH-40-36 IP67 R	40W	90-264V	36V	0-1.11A	89%	>0.95	4KV/6KV	165*42.5*32mm
VMH-40-48 IP67 R	40W	90-264V	48V	0-0.83A	90%	>0.95	4KV/6KV	165*42.5*32mm
VMH-75-12 IP67 L	75W	90-264V	12V	0-5A	87%	>0.95	4KV/6KV	165*60*36.5mm
VMH-75-24 IP67 L	75W	90-264V	24V	0-3.13A	90%	>0.95	4KV/6KV	165*60*36.5mm
VMH-75-36 IP67 L	75W	90-264V	36V	0-2.08A	91%	>0.95	4KV/6KV	165*60*36.5mm
VMH-100-12 IP67 L	100W	90-264V	12V	0-8.3A	91%	>0.95	4KV/6KV	182*60*36.5mm
VMH-100-24 IP67 L	100W	90-264V	24V	0-4.15A	92%	>0.95	4KV/6KV	182*60*36.5mm
VMH-100-36 IP67 L	100W	90-264V	36V	0-2.78A	92%	>0.95	4KV/6KV	182*60*36.5mm
VMH-100-42 IP67 L	100W	90-264V	42V	0-2.38A	93%	>0.95	4KV/6KV	182*60*36.5mm
VMH-150-12 IP67 L	150W	90-264V	12V	0-12.5A	92%	>0.95	4KV/6KV	192*60*36.5mm
VMH-150-24 IP67 L	150W	90-264V	24V	0-6.25A	93%	>0.95	4KV/6KV	192*60*36.5mm
VMH-150-36 IP67 L	150W	90-264V	36V	0-4.16A	93%	>0.95	4KV/6KV	192*60*36.5mm
VMH-150-42 IP67 L	150W	90-264V	42V	0-3.75A	93%	>0.95	4KV/6KV	192*60*36.5mm
VMH-150-48 IP67 L	150W	90-264V	48V	0-3.13A	93%	>0.95	4KV/6KV	192*60*36.5mm

VMH Series

- Power range:200-320W
- Output Voltage:12/24/36/42/48V
- Compact design with high power density
- High efficiency up to 94.5%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP/UVP/OTP
- Lifetime:50000 hours;5 years warranty
- IP67



Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
VMH-200-12 IP67 L	200W	90-264V	12V	0-16.67A	91%	>0.95	4KV/6KV	216*65*39.5mm
VMH-200-24 IP67 L	200W	90-264V	24V	0-8.33A	92%	>0.95	4KV/6KV	216*65*39.5mm
VMH-200-36 IP67 L	200W	90-264V	36V	0-5.55A	92%	>0.95	4KV/6KV	216*65*39.5mm
VMH-200-42 IP67 L	200W	90-264V	42V	0-4.76A	92%	>0.95	4KV/6KV	216*65*39.5mm
VMH-200-48 IP67 L	200W	90-264V	48V	0-4.2A	92%	>0.95	4KV/6KV	216*65*39.5mm
VMH-250-12 IP67 L	250W	90-264V	12V	0-18.3A	91%	>0.95	4KV/6KV	264*68*39.5mm
VMH-250-24 IP67 L	250W	90-264V	24V	0-10.4A	93%	>0.95	4KV/6KV	264*68*39.5mm
VMH-250-36 IP67 L	250W	90-264V	36V	0-6.94A	92%	>0.95	4KV/6KV	264*68*39.5mm
VMH-250-42 IP67 L	250W	90-264V	42V	0-5.95A	92%	>0.95	4KV/6KV	264*68*39.5mm
VMH-320-12 IP67 L	320W	90-264V	12V	0-23A	91%	>0.95	4KV/6KV	251*90*47mm
VMH-320-24 IP67 L	320W	90-264V	24V	0-13.34A	94%	>0.95	4KV/6KV	251*90*47mm
VMH-320-36 IP67 L	320W	90-264V	36V	0-8.9A	94.5%	>0.95	4KV/6KV	251*90*47mm

VTS Series

- Power range:24-160W
- Built-in active PFC function
- High efficiency up to 92%
- Surge:2KV
- Protection:SCP/OLP/OVP/UVP/OTP
- Lifetime:50000 hours;5 years warranty
- IP67



Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
VTS-24-12 IP67 L	24W	220-240V	12V	0-2A	86%	>0.95	2KV	118*35*26mm
VTS-24-24 IP67 L	24W	220-240V	24V	0-1A	86%	>0.95	2KV	118*35*26mm
VTS-40-12 IP67 L	40W	220-240V	12V	0-3.34A	86%	>0.95	2KV	148*42*30mm
VTS-40-24 IP67 L	40W	220-240V	24V	0-1.67A	88%	>0.95	2KV	148*42*30mm
VTS-60-12 IP67 L	60W	220-240V	12V	0-5A	86.5%	>0.95	2KV	162.5*42.5*32mm
VTS-60-24 IP67 L	60W	220-240V	24V	0-2.4A	89%	>0.95	2KV	162.5*42.5*32mm
VTS-100-12 IP67 L	100W	220-240V	12V	0-8.33A	87%	>0.95	2KV	190*52*33mm
VTS-100-24 IP67 L	100W	220-240V	24V	0-4.17A	89%	>0.95	2KV	190*52*33mm
NEW VTS-160-12 IP67 L	160W	220-240V	12V	0-13.34A	91%	>0.98	4KV	190*52*33mm
NEW VTS-160-24 IP67 L	160W	220-240V	24V	0-6.67A	92%	>0.98	4KV	190*52*33mm
NEW VTS-160-48 IP67 L	160W	220-240V	48V	0-3.34A	92%	>0.98	4KV	190*52*33mm

MS DALI Dimming Series

- Power range:45-150W
- DALI dimming
- DALI Part 251\252\253
- High efficiency up to 91%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP
- Lifetime:50000 hours;5 years warranty
- IP67



VMS Series

- Power range:50-100W
- Compact design with high power density
- Output Voltage:12/24/36/42/48V
- High efficiency up to 91%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP
- Lifetime:50000 hours;5 years warranty
- IP67



Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
MS-45-24 IP65 DALI-2 LI	45W	220-240V	24V	0-1.88A	87%	>0.95	4KV/6KV	162*50*30.5mm
MS-80-24 IP65 DALI-2 LI	80W	220-240V	24V	0-3.33A	88%	>0.95	4KV/6KV	207*50*30.5mm
MS-150-24 IP65 DALI-2 LI	150W	220-240V	24V	0-6.25A	91%	>0.95	4KV/6KV	262*50*30.5mm

Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
VMS-50-12 IP67 R	50W	176-264V	12V	0-4.17A	87%	>0.95	4KV/6KV	165*42.5*32mm
VMS-50-24 IP67 R	50W	176-264V	24V	0-2.08A	89%	>0.95	4KV/6KV	165*42.5*32mm
VMS-50-36 IP67 R	50W	176-264V	36V	0-1.39A	90%	>0.95	4KV/6KV	165*42.5*32mm
VMS-50-48 IP67 R	50W	176-264V	48V	0-1.04A	91%	>0.95	4KV/6KV	165*42.5*32mm
VMS-60-12 IP67 L	60W	176-264V	12V	0-5A	87%	>0.95	4KV/6KV	157*53*31.5mm
VMS-60-24IP67 L	60W	176-264V	24V	0-2.5A	89%	>0.95	4KV/6KV	157*53*31.5mm
VMS-75-12 IP67 L	75W	176-264V	12V	0-6.25A	87%	>0.95	4KV/6KV	165*60*36.5mm
VMS-75-24 IP67 L	75W	176-264V	24V	0-3.13A	88%	>0.95	4KV/6KV	165*60*36.5mm
VMS-100-24 IP67 L	100W	176-264V	24V	0-4.15A	89%	>0.95	4KV/6KV	167*60*34.6mm
VMS-100-36 IP67 L	100W	176-264V	36V	0-2.78A	89%	>0.95	4KV/6KV	167*60*34.6mm
VMS-100-42 IP67 L	100W	176-264V	42V	0-2.38A	90%	>0.95	4KV/6KV	167*60*34.6mm

VMS Series

- Power range:150-300W
- Compact design with high power density
- Output Voltage:12/24/36/42/48V
- High efficiency up to 94%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP
- Lifetime:50000 hours;5 years warranty
- IP67



RMH Series

- Power range:75-250W
- Constant current mode output
- Full power wide output current adjustable (constant power)
- High efficiency up to 93%
- Surge:4KV/6KV
- Protection:SCP/OLP/OVP/OTP
- Lifetime:50000 hours;5 years warranty
- IP67



Application: Landscape lighting | Architectural lighting | Advertising lighting | Outdoor LED strip lighting

Model	Power	Input Voltage	Output Voltage	Output Current	Efficiency	Power factor	Surge	Size(L*W*H)
VMS-150-24 IP67 L	150W	176-264V	24V	0-6.25A	92%	>0.95	4KV/6KV	167*60*34.6mm
VMS-150-36 1P67 L	150W	176-264V	36V	0-4.17A	93%	>0.95	4KV/6KV	167*60*34.6mm
VMS-150-42 IP67 L	150W	176-264V	42V	0-3.57A	93%	>0.95	4KV/6KV	167*60*34.6mm
VMS-150-48 1P67 L	150W	176-264V	48V	0-3.13A	94%	>0.95	4KV/6KV	167*60*34.6mm
VMS-200-12 IP67 L	200W	176-264V	12V	0-16.67A	91%	>0.95	4KV/6KV	213*60*34.6mm
VMS-200-24 IP67 L1	200W	176-264V	24V	0-8.33A	93%	>0.95	4KV/6KV	213*60*34.6mm
VMS-200-42 IP67 L1	200W	176-264V	42V	0-4.76A	93%	>0.95	4KV/6KV	213*60*34.6mm
VMS-250-12 IP67 L	250W	176-264V	12V	0-18.3A	91%	>0.95	4KV/6KV	265*68*39.5mm
VMS-250-24 IP67 L	250W	176-264V	24V	0-10.4A	92%	>0.95	4KV/6KV	265*68*39.5mm
VMS-300-12 IP67 L	300W	176-264V	12V	0-25A	92%	>0.95	4KV/6KV	266*83*39.5mm
VMS-300-24 IP67 L	300W	176-264V	24V	0-12.5A	94%	>0.95	4KV/6KV	266*83*39.5mm

Application: Street Lighting | Tunnel Lighting | Industrial Lighting | Venue Lighting

Model	Power	Input Voltage	Output Voltage	Constant Power Voltage	Output Current	Efficiency	Power factor	No-load voltage	Surge	Size(L*W*H)
RMH-75 -1050 IP66 L	75W	90-264V	50-107V	72-107V	750-1050mA	91%	>0.95	113V	4KV/6KV	165*60*36.5mm
RMH-75 -1750 IP66 L	75W	90-264V	25-63V	43-63V	1190-1750mA	90.50%	>0.95	66V	4KV/6KV	165*60*36.5mm
RMH-75 -2600 IP66 L	75W	90-264V	20-42V	29-42V	1800-2600mA	89.50%	>0.95	47V	4KV/6KV	165*60*36.5mm
RMH-75 -2800 IP66 L	75W	90-264V	19-39V	27-39V	1900-2800mA	89.50%	>0.95	44V	4KV/6KV	165*60*36.5mm
RMH-100-1050 IP66 L	100W	90-264V	67-143V	95-143V	700-1050mA	92%	>0.95	158V	4KV/6KV	182*60*36.5mm
RMH-100-2100 IP66 L	100W	90-264V	34-72V	48-72V	1400-2100mA	92%	>0.95	85V	4KV/6KV	182*60*36.5mm
RMH-100-3500 IP66 L	100W	90-264V	20-38V	29-38V	2625-3500mA	91.50%	>0.95	44V	4KV/6KV	182*60*36.5mm
RMH-150-1050 IP66 L	150W	90-264V	100-214V	143-214V	700-1050mA	93%	>0.95	240V	4KV/6KV	192*60*36.5mm
RMH-150-2100 IP66 L	150W	90-264V	50-107V	72-107V	1400-2100mA	92.50%	>0.95	118V	4KV/6KV	192*60*36.5mm
RMH-150-3500 IP66 L	150W	90-264V	30-61V	43-61V	2450-3500mA	92%	>0.95	70V	4KV/6KV	192*60*36.5mm
RMH-150-5600 IP66 L	150W	90-264V	19-36V	27-36V	4200-5600mA	91.50%	>0.95	44V	4KV/6KV	192*60*36.5mm
RMH-200-5600 IP66 L	200W	90-264V	24-54V	36-54V	3500-5600mA	89%	>0.95	60V	4KV/6KV	216*65*39.5mm
RMH-250-6500 IP66 L	250W	90-264V	27-38.5V	38.5V	3250-6500mA	92%	>0.95	50V	4KV/6KV	264*68*39.5mm

- RMH-100-2100 IP66 L : 3 in 1 dimming (0-10V/0-100KΩ/PWM)

RMS 0-10V Dimming Series

- Power range:40-250W
- 3 in 1 dimming (0-10V/0-100KΩ/PWM)
- Constant current mode output
- Full power wide output current adjustable (constant power)
- Adjustable output current by resistor
- High efficiency up to 94%
- Surge:6KV/10KV(40W 60W:4K/6K)
- Protection:SCP/OLP/OVP/OTP
- Lifetime:50000 hours;5 years warranty
- IP67



Application: Street Lighting | Tunnel Lighting | Industrial Lighting | Venue Lighting

Model	Power	Input Voltage	Output Voltage	Constant Power Voltage	Output Current	Efficiency	Power factor	No-load voltage	Surge	Size(L*W*H)
RMS-40-1050 IP67 0-10 L	40W	220-240V	26-80V	38-80V	350-1050mA	88%	>0.95	95V	4KV/6KV	129*60*34.6 mm
RMS-60-1800 IP67 0-10 L	60W	220-240V	23-67V	34-67V	500-1800mA	88%	>0.95	77V	4KV/6KV	159*60*34.6mm
RMS-75-1050 IP67 0-10 L	75W	220-240V	50-108V	72-108V	550-1050mA	90%	>0.95	140V	6KV/10KV	159*60*34.6mm
RMS-75-2100 IP67 0-10 L	75W	220-240V	24-54V	36-54V	1000-2100mA	90%	>0.95	70V	6KV/10KV	159*60*34.6mm
RMS-100-1050 IP67 0-10 L	100W	220-240V	67-143V	96-143V	550-1050mA	90%	>0.95	160V	6KV/10KV	167*60*34.6mm
RMS-100-2100 IP67 0-10 L	100W	220-240V	33-72V	48-72V	1000-2100mA	90%	>0.95	95V	6KV/10KV	167*60*34.6mm
RMS-100-2800 IP67 0-10 L	100W	220-240V	27-48V	36-48V	1500-2800mA	90%	>0.95	60V	6KV/10KV	167*60*34.6mm
RMS-150-1050 IP67 0-10 L	150W	220-240V	100-214V	143-214V	550-1050mA	94%	>0.95	250V	6KV/10KV	188*60*34.6mm
RMS-150-2100 IP67 0-10 L	150W	220-240V	50-108V	72-108V	1000-2100mA	93%	>0.95	138V	6KV/10KV	188*60*34.6mm
RMS-150-4200 IP67 0-10 L	150W	220-240V	27-48V	36-48V	2200-4200mA	92%	>0.95	60V	6KV/10KV	188*60*34.6mm
RMS-200-1050 IP67 0-10 L	200W	220-240V	133-285V	191-285V	550-1050mA	93%	>0.95	360V	6KV/10KV	213*60*34.6mm
RMS-200-2100 IP67 0-10 L	200W	220-240V	67-143V	95-143V	1000-2100mA	93%	>0.95	190V	6KV/10KV	213*60*34.6mm
RMS-200-5600 IP67 0-10 L	200W	220-240V	27-48V	36-48V	2900-5600mA	93.50%	>0.95	60V	6KV/10KV	213*60*34.6mm
RMS-250-1050 IP67 0-10 L	250W	220-240V	178-357V	238-48V	550-1050mA	94%	>0.95	420V	6KV/10KV	243*60*34.6mm

RMX PWM Dimming Series

- Power range:65-250W
- 3 in 1 dimming (0-10V/0-100KΩ/PWM)
- Constant current mode output
- Full power wide output current adjustable (constant power)
- Adjustable output current by resistor
- High efficiency up to 94%
- Surge:6KV/10KV
- Protection:SCP/OLP/OVP/OTP
- Lifetime:50000 hours;5 years warranty
- IP67



Application: Street Lighting | Tunnel Lighting | Industrial Lighting | Venue Lighting

Model	Power	Input Voltage	Output Voltage	Constant Power Voltage	Output Current	Efficiency	Power factor	No-load voltage	Surge	Size(L*W*H)
RMX-65-1200 IP67 0-10 L	65W	108-305V	31-93V	55-93V	500-1200mA	89%	>0.95	<150V	4KV/6KV	128*68*35mm
RMX-100-1200 IP67 0-10 L	100W	108-305V	46-143V	85-143V	500-1200mA	90%	>0.95	<200V	4KV/6KV	155*68*35mm
RMX-150-1200 IP67 0-10 L	150W	108-305V	71-214V	125-214V	500-1200mA	91%	>0.95	<250V	4KV/6KV	175*68*35mm
RMX-200-1200 IP67 0-10 L	200W	108-305V	142-286V	167-286V	500-1200mA	92%	>0.95	<350V	4KV/6KV	195*68*35mm
RMX-250-1200 IP67 0-10 L	250W	108-305V	165-357V	210-357V	500-1200mA	94%	>0.95	<400V	4KV/6KV	215*68*35mm