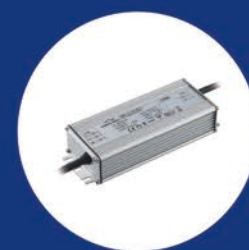


Outdoor

LED DRIVER CATALOGUE 2021_{AUG}

Please contact our distributor:



EAGLERISE ELECTRIC & ELECTRONIC (CHINA) CO., LTD.

Add: A3 Guicheng Science&Technology Park, Jianping Road, Guicheng
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Product Page



Stock Code: SZ 002922

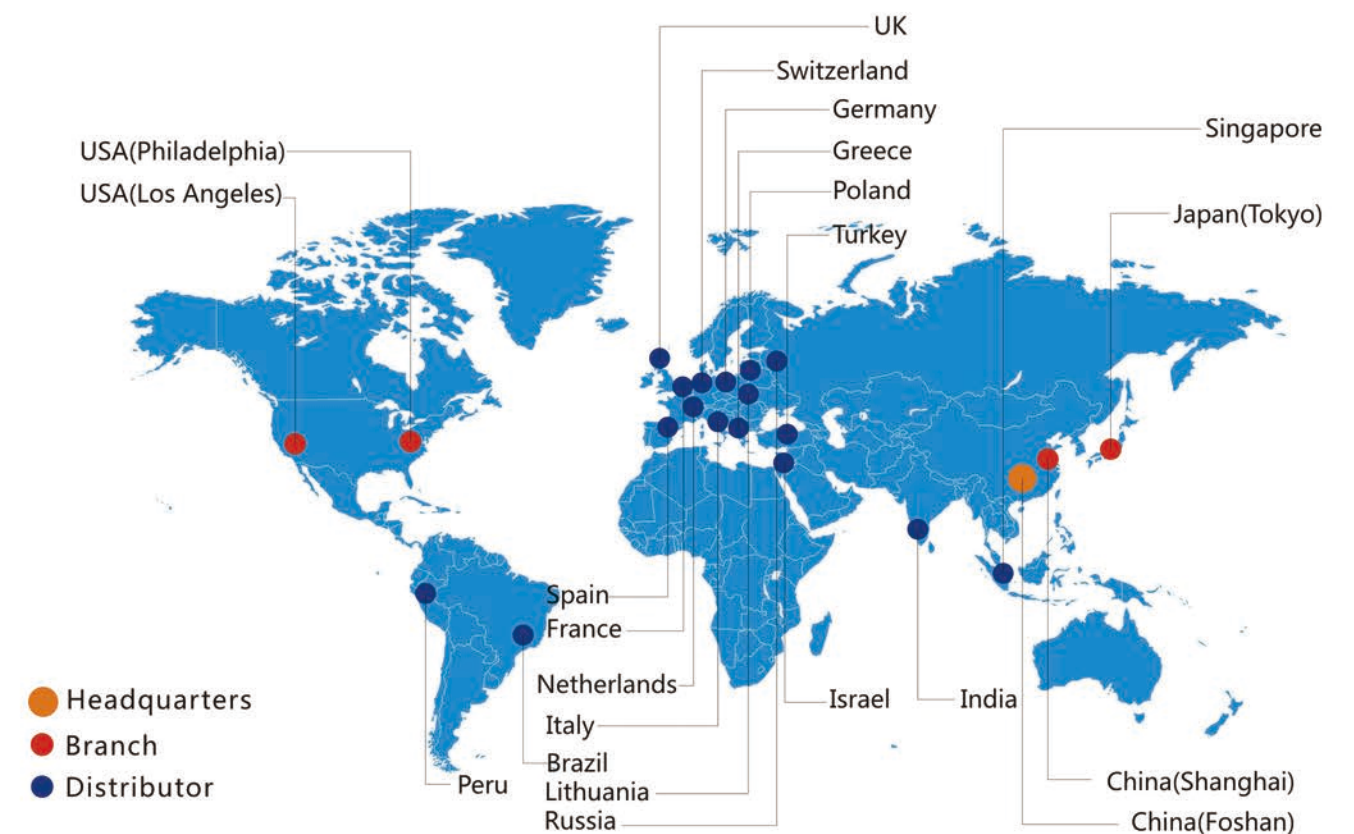


Company Profile

Eaglerise Electric & Electronic (China) Co., Ltd. was established in 1990s in Foshan, China. Now we have 3 production bases, 3 R&D centers, 230,000 square meters manufacturing plant and about 3000 employees. Eaglerise is devoted to provide 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 valuable and loyal cooperator to all its customers, suppliers and business partners.

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



Constant Current LED Driver-CKS/CMS/RMS/0-10_RMS

Series	Picture	Best seller	Size	Power Range (W)	Output Current (mA)	Output Voltage (V)	PF	Tc	Typical Efficiency (%)
CKS		CKS-24-600 IP67 L	101*64*32	24W	600mA	28-40V	≥0.9	85℃	≥87%
		CKS-38-950 IP67 L	108*64*32	38W	950mA	28-40V	≥0.9	85℃	≥87%
CMS		CMS-12-300 IP67 L	140*42.5*32	12W	300mA	28-40V	≥0.9	85℃	≥87%
		CMS-18-450 IP67 L	140*42.5*32	18W	450mA	28-40V	≥0.9	85℃	≥87%
		CMS-40-900 IP66 L	134*43*32	40W	900mA	21-44V	≥0.95	90℃	≥88%
		CMS-50-1300 IP66 L	158*43*32	50W	1300mA	25-38.5V	≥0.95	90℃	≥90%
		CMS-75-700 IP67 L	160*60*34.6	75W	700mA	64-107V	≥0.95	90℃	≥88%
		CMS-75-1050 IP67 L	160*60*34.6	75W	1050mA	43-71V	≥0.95	90℃	≥88%
		CMS-100-700 IP67 L	167*60*34.6	100W	700mA	86-143V	≥0.95	85℃	≥91%
		CMS-100-1050 IP67 L	167*60*34.6	100W	1050mA	57-95V	≥0.95	85℃	≥91%
		CMS-150-700 IP67 L	167*60*34.6	150W	700mA	128-214V	≥0.95	85℃	≥91%
		CMS-150-1050 IP67 L	167*60*34.6	150W	1050mA	86-143V	≥0.95	85℃	≥91%
RMS		RMS-75-1050 IP67 L	160*60*34.6	75W	550-1050mA	47-108V	≥0.95	90℃	≥90%
		RMS-75-2100 IP67 L	160*60*34.6	75W	1000-2100mA	25-54V	≥0.95	90℃	≥88%
		RMS-100-1050 IP67 L	167*60*34.6	100W	700-1050mA	67-143V	≥0.95	90℃	≥91%
		RMS-100-2100 IP67 L	167*60*34.6	100W	1000-2100mA	32-69V	≥0.95	90℃	≥91%
		RMS-150-1050 IP67 L	188*60*34.6	150W	700-1050mA	100-214VDC	≥0.95	90℃	≥94%
		RMS-150-2100 IP67 L	188*60*34.6	150W	1000-2100mA	47-108V	≥0.95	90℃	≥92%
0-10_RMS		RMS-150-4200 IP67 L	188*60*34.6	150W	2200-4200mA	27-56V	≥0.95	90℃	≥91%
		RMS-200-1050 IP67 L	213*60*34.6	200W	700-1050mA	190-286V	≥0.95	90℃	≥93%
		RMS-200-2100 IP67 L	213*60*34.6	200W	1000-2100mA	63-143V	≥0.95	90℃	≥91%
		RMS-200-5600 IP67 L	213*60*34.6	200W	2900-5600mA	27-56V	≥0.95	90℃	≥91%
		RMS-250-1050 IP67 L	245*60*34.6	250W	550-1050mA	167-357V	≥0.95	90℃	≥94%
		RMS-40-1050 IP67 0-10 L	130*60*35	40W	350-1050mA	26-80V	≥0.9	90℃	≥88%
		RMS-60-1800 IP67 0-10 L	159*60*34.6	60W	500-1800mA	23-67V	≥0.95	90℃	≥88%
		RMS-75-1050 IP67 0-10 L	160*60*34.6	75W	700-1050mA	47-71V	≥0.95	90℃	≥88%
		RMS-75-2100 IP67 0-10 L	160*60*34.6	75W	1400-2100mA	25-54V	≥0.95	90℃	≥88%
		RMS-100-1050 IP67 0-10 L	167*60*34.6	100W	700-1050mA	64-95V	≥0.95	90℃	≥91%

Constant Current LED Driver-CKH/FMS-DALI2/RMH

Series	Picture	Best seller	Size	Power Range (W)	Output Current (mA)	Output Voltage (V)	PF	Tc	Typical Efficiency (%)
CKH		CKH-26-450 IP67 R	101*64*32	26W	450mA	29-58V	≥0.95	90℃	≥88%
		CKH-26-600 IP67 R			600mA	22-43V			≥88%
		CKH-26-700 IP67 R			700mA	20-37V			≥87%
		CKH-40-600 IP67 R	108*64*32	40W	600mA	33-67V	≥0.95	90℃	≥88%
FMS-DALI2		CKH-40-700 IP67 R			700mA	32-57V			≥88%
		CKH-40-950 IP67 R			950mA	21-42V			≥87%
		CKH-40-1050 IP67 R			1050mA	20-38V			≥87%
		CKH-60-1300 IP67 R	116*64*32	60W	1300mA	23-46V	≥0.95	90℃	≥90%
		CKH-60-1400 IP67 R			1400mA	21-43V			
		CKH-60-1500 IP67 R			1500mA	20-40V			
		CKH-60-1800 IP67 R			1800mA	20-33V			
		FMS-26-700 IP65 DALI2 LG	140*64*32	26W	150-700mA	9-42VDC	≥0.9	75℃	≥85%
		FMS-40-1050 IP65 DALI2 LG	140*64*32	40W	700-1050mA	9-52VDC	≥0.95	75℃	≥86%
RMH		RMH-75-1050 IP66 L	165*60*36.5	75W	700-1050mA	50-71V	≥0.95	85℃	≥88%
		RMH-75-1750 IP66 L			1190-1750mA	30-63V			
		RMH-75-2600 IP66 L			1800-2600mA	20-42V			
		RMH-100-1050 IP66 L	182*60*36.5	100W	700-1050mA	67-143V	≥0.95	85℃	≥91%
		RMH-100-2100 IP66 L			1400-2100mA	34-72V			
		RMH-100-3500 IP66 L			2450-3500mA	20-38V			
0-10_RMS		RMH-150-1050 IP66 L	192*60*36.5	150W	700-1050mA	100-214V	≥0.95	90℃	≥91%
		RMH-150-3500 IP66 L			2450-3500mA	30-61V			
0-10_RMS		RMH-150-5600 IP66 L	192*60*36.5	150W	4200-5600mA	19-36V	≥0.95	90℃	≥91%
		RMH-200-5600 IP66 L			3500-5600mA	24-54V			

Constant Voltage LED Driver-VMS/VMH

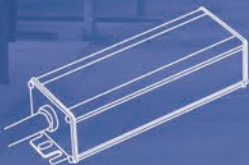
Series	Picture	Best seller	Size	Power Range (W)	Output Current (mA)	Output Voltage (V)	PF	Tc	Typical Efficiency (%)
VMS	 18	VMS-50-24 IP67 R	160*42.5*32	50W	0-2.08A	24VDC	≥0.95	85°C	≥88%
	 18	VMS-60-24 IP67 L	157*53*31.5	60W	0-2.5A	24VDC	≥0.95	90°C	≥89%
	 18	VMS-100-24 IP67 L	167*60*34.6	100W	0-4.16A	24VDC	≥0.95	90°C	≥91%
		VMS-100-36 IP67 L			0-2.77A	36VDC			≥91%
		VMS-100-42 IP67 L			0-2.38A	42VDC			≥91%
	 19	VMS-150-24 IP67 L	167*60*34.6	150W	0-6.25A	24VDC	≥0.95	90°C	≥90%
		VMS-150-36 IP67 L			0-4.16A	36VDC			≥91%
		VMS-150-42 IP67 L			0-3.57A	42VDC			≥91%
VMH	 19	VMS-200-24 IP67 L	213*60*34.6	200W	0-8.33A	24VDC	≥0.95	93°C	≥93%
		VMS-300-12 IP67 L	266*83*39.5	300W	0-25A	12VDC	≥0.95	90°C	≥92%
		VMS-300-24 IP67 L	266*68*39.5		0-12.5A	24VDC	≥0.9		≥94%
	 20	VMH-40-24 IP67 R	165*42.5*32	40W	0-1.67A	24VDC	≥0.9	90°C	≥87%
	 20	VMH-75-12 IP67 L	165*60*36.5	75W	0-5A	12VDC	≥0.9	85°C	≥87%
		VMH-75-24 IP67 L			0-3.12A	24VDC			≥88%
VMH	 20	VMH-100-12 IP67 L	182*60*36.5	100W	0-8.33A	12VDC	≥0.95	85°C	≥90%
		VMH-100-24 IP67 L			0-4.16A	24VDC			≥91%
		VMH-100-36 IP67 L			0-2.77A	36VDC			≥91%
		VMH-100-42 IP67 L			0-2.38A	42VDC			≥91%
	 20	VMH-150-12 IP67 L	192*60*36.5	150W	0-12.5A	12VDC	≥0.95	90°C	≥90%
		VMH-150-24 IP67 L			0-6.25A	24VDC			≥91%
		VMH-150-36 IP67 L			0-4.16A	36VDC			≥91%
VMH	 20	VMH-150-42 IP67 L	192*60*36.5	150W	0-3.57A	42VDC	≥0.95	90°C	≥91%
		VMH-150-48 IP67 L			0-3.12A	48VDC			≥91%
	 21	VMH-200-12 IP67 L	216*65*39.5	200W	0-16.66A	12VDC	≥0.95	90°C	≥90%
		VMH-200-24 IP67 L			0-8.33A	24VDC			≥91%
		VMH-200-36 IP67 L			0-5.5A	36VDC			≥91%
	 21	VMH-200-42 IP67 L	216*65*39.5	200W	0-4.76A	42VDC	≥0.95	90°C	≥91%
		VMH-200-48 IP67 L			0-4.2A	48VDC			≥91%
VMH	 21	VMH-250-12 IP67 L	265*68*39.5	250W	0-20A	12VDC	≥0.95	90°C	≥91%
		VMH-250-24 IP67 L			0-10A	24VDC			≥92%
		VMH-250-36 IP67 L			0-6.94A	36VDC			≥91%
	 21	VMH-250-42 IP67 L	265*68*39.5	250W	0-5.95A	42VDC	≥0.95	90°C	≥91%
VMH	 21	VMH-320-12 IP67 L			0-23A	12VDC			≥91%
		VMH-320-24 IP67 L			0-13.34A	24VDC			≥94%

Constant Voltage LED Driver-VK/VTSESE-E

Series	Picture	Best seller	Size	Power Range (W)	Output Current (mA)	Output Voltage (V)	PF	Tc	Typical Efficiency (%)
VK	 22	VKH-26-24 IP67 R	101*64*32	26W	0-1.08A	24VDC	≥0.95	85℃	≥88%
		VKS-50-24 IP67 R1 VKS-50-36 IP67 R1	108*64*32	50W 50W	0-2.08A 0-1.39A	24VDC 36VDC	≥0.9 ≥0.9	85℃ 85℃	≥89% ≥89%
		VKS-75-24 IP67 R VKS-75-36 IP67 R	116*64*32	75W	0-3.12A 0-2.08A	24VDC 36VDC	≥0.95	85℃	≥88%
VTS	 23	VTS-24-12 IP67 L VTS-24-24 IP67 L	118*35*26	24W	0-2A 0-1A	12VDC 24VDC	≥0.95	90℃	≥86%
		VTS-40-12 IP66 L VTS-40-24 IP66 L	148*42*30	40W	0-3.34A 0-1.67A	12VDC 24VDC	≥0.95	90℃	≥86% ≥88%
		VTS-60-12 IP66 L VTS-60-24 IP66 L	162.5*42.5*32	60W	0-5A 0-2.5A	12VDC 24VDC	≥0.95	90℃	≥86.5% ≥89%
ESE-S	 24	ESE35-24S	99*82*30	35W	1.5A	24VDC	≥0.45	/	≥85%
		ESE50-24S	99*82*30	50W	2.2A	24VDC	≥0.45	/	≥85%
		ESE100-12S ESE100-24S	130*97*30	100W	8.5A 4.5A	12VDC 24VDC	≥0.45	/	≥88%
		ESE150-12S ESE150-24S	160*97*30	150W	12.5A 6.5A	12VDC 24VDC	≥0.45	/	≥89%
		ESE200-24S	215*115*30	200W	8.3A	24VDC	≥0.45	/	≥89%
		ESE350-24S	215*115*30	350W	14.6A	24VDC	≥0.45	/	≥89%



LED Driver Constant Current



CKS Series 24-38W Constant Current LED Driver

Metal Case Square Shape



Features:

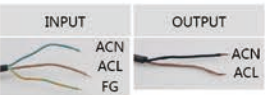
- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



CKS-24-600 IP67 L

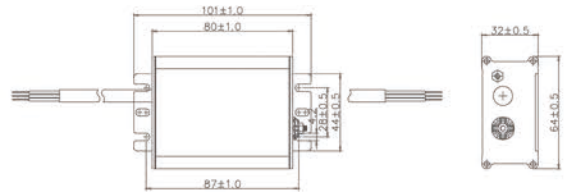


CKS-38-950 IP67 L

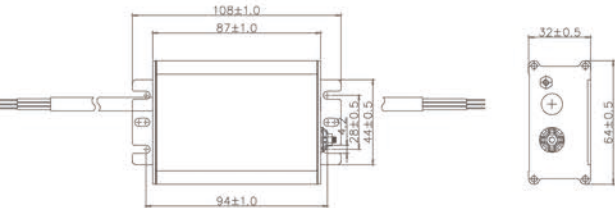


Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
CKS-24-600 IP67 L	101*64*32	24W/600mA/28-40V	≥87%	≥0.9	85°C	30A	CE
CKS-38-950 IP67 L	108*64*32	38W/950mA/28-40V	≥87%	≥0.9	85°C	20A	CE

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	2kv line-line,4kv line-earth
THD	<10%



CKS-24-600 IP67 L



CKS-38-950 IP67 L

CMS Series 12-75W

Constant Current LED Driver Metal Case Long Shape



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



CMS-12-300 IP67 L
CMS-18-450 IP67 L

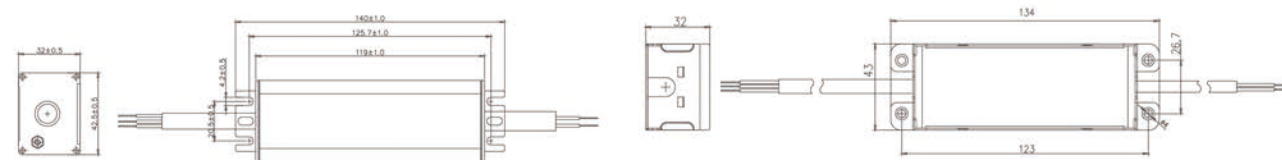
CMS-40-900 IP66 L
CMS-50-1300 IP66 L

CMS-75-*** IP67 L



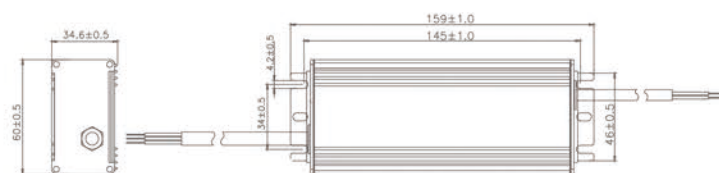
Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
CMS-12-300 IP67 L	140*42.5*32	12W/300mA/28-40V	≥87%	≥0.9	85°C	20A	CCC
CMS-18-450 IP67 L	140*42.5*32	18W/450mA/28-40V	≥87%	≥0.9	85°C	20A	CE
CMS-40-900 IP66 L	134*43*32	40W/900mA/21-44VDC	≥88%	≥0.95	90°C	15A	CE
CMS-50-1300 IP66 L	158*43*32	50W/1300mA/25-38.5VDC	≥90%	≥0.95	90°C	50A	CE
CMS-75-700 IP67 L CMS-75-1050 IP67 L	160*60*34.6	75W/700mA/64-107V 75W/1050mA/43-71V	≥88%	≥0.95	90°C	55A	CB/CE/CCC

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%



CMS-12-300 IP67 L
CMS-18-450 IP67 L

CMS-40-900 IP66 L
CMS-50-1300 IP66 L



CMS-75-*** IP67 L

CMS Series 100-200W

Constant Current LED Driver Metal Case Long Shape



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



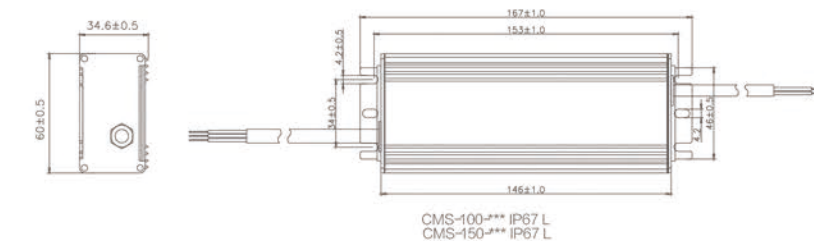
CMS-100-*** IP67 L
CMS-150-*** IP67 L

CMS-200-*** IP67 L

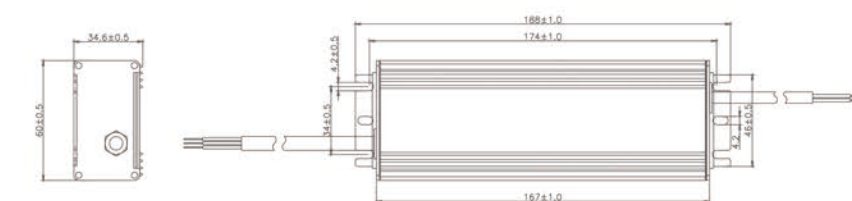


Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
CMS-100-700 IP67 L CMS-100-1050 IP67 L	167*60*34.6	100W/700mA/86-143V 100W/1050mA/57-95V	≥91%	≥0.95	85°C	55A	CB/CE/CCC/ENEC
CMS-150-700 IP67 L CMS-150-1050 IP67 L	167*60*34.6	150W/700mA/128-214V 150W/1050mA/86-143V	≥91%	≥0.95	85°C	60A	CB/CE/CCC/ENEC
CMS-200-700 IP67 L CMS-200-1050 IP67 L	188*60*34.6	200W/700mA/171-285V 200W/1050mA/114-190V	≥91%	≥0.95	85°C	60A	CE/CCC

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%



CMS-100-*** IP67 L
CMS-150-*** IP67 L



CMS-200-*** IP67 L

RMS Series 75-150W

Constant Current LED Driver

Constant Power



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



RMS-75-**** IP67 L

RMS-100-**** IP67 L

RMS-150-**** IP67 L

RMS Series 200-250W

Constant Current LED Driver

Constant Power



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



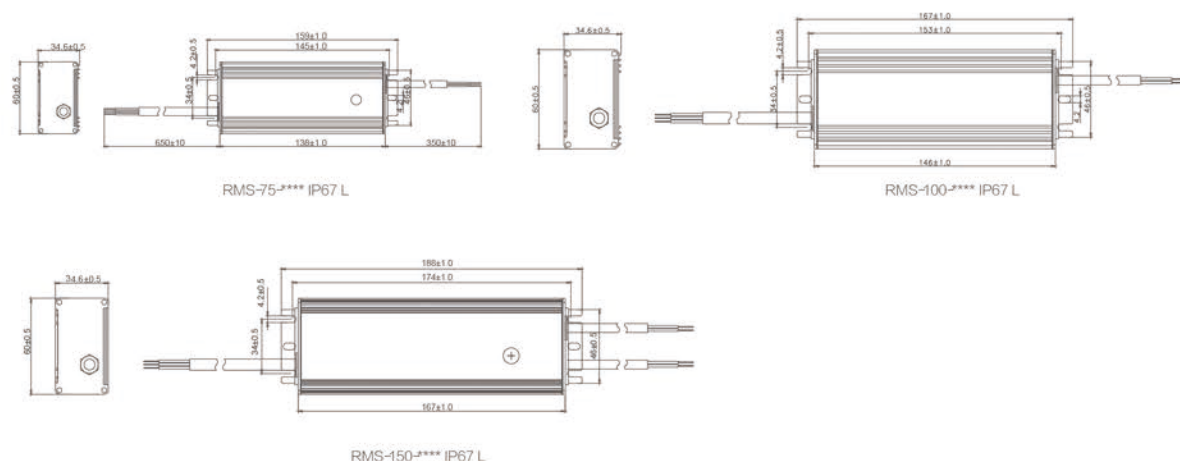
RMS-200-**** IP67 L

RMS-250-**** IP67 L



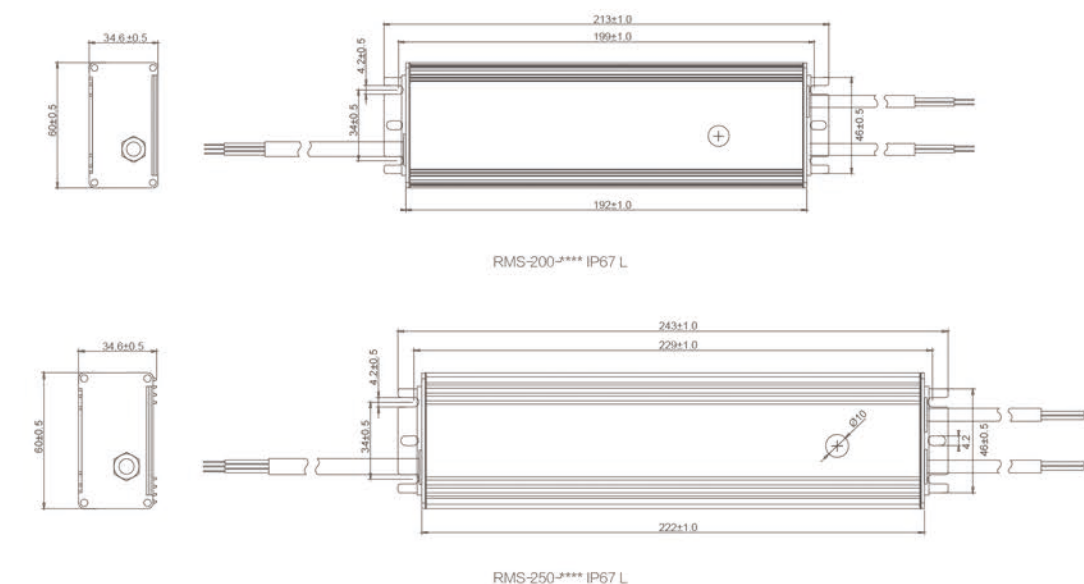
Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
RMS-75-1050 IP67 L	160*60*34.6	75W/550-1050mA/47-108V	≥90%	≥0.95	90°C	55A	CE/CCC
RMS-75-2100 IP67 L		75W/1000-2100mA/25-54V	≥88%				
RMS-100-1050 IP67 L	167*60*34.6	100W/700-1050mA/67-143V	≥91%	≥0.95	90°C	55A	CE/CCC
RMS-100-2100 IP67 L		100W/1000-2100mA/32-69V	≥91%				
RMS-100-2800 IP67 L		100W/1500-2800mA/27-56V	≥91%				
RMS-150-1050 IP67 L	188*60*34.6	150W/0.7-1.05A/100-214VDC	≥94%	≥0.95	90°C	55A	CB/CE/CCC/ENEC
RMS-150-2100 IP67 L		150W/1000-2100mA/47-108V	≥92%			60A	
RMS-150-4200 IP67 L		150W/2200-4200mA/27-56V	≥91%			60A	

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
RMS-200-1050 IP67 L	213*60*34.6	200W/700-1050mA/190-286V	≥93%	≥0.95	90°C	65A	CE/CCC
RMS-200-2100 IP67 L		200W/1000-2100mA/63-143V	≥91%				
RMS-200-5600 IP67 L		200W/2900-5600mA/27-56V	≥91%				
RMS-250-1050 IP67 L	245*60*34.6	250W/550-1050mA/167-357V	≥94%	≥0.95	90°C	75A	CB/CE/CCC/ENEC

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%



0-10_RMS Series 75-150W

Constant Current LED Driver Constant Power



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



RMS-40-1050 IP67 0-10 L
RMS-60-1800 IP67 0-10 L
RMS-75-**** IP67 0-10 L



RMS-100-**** IP67 0-10 L

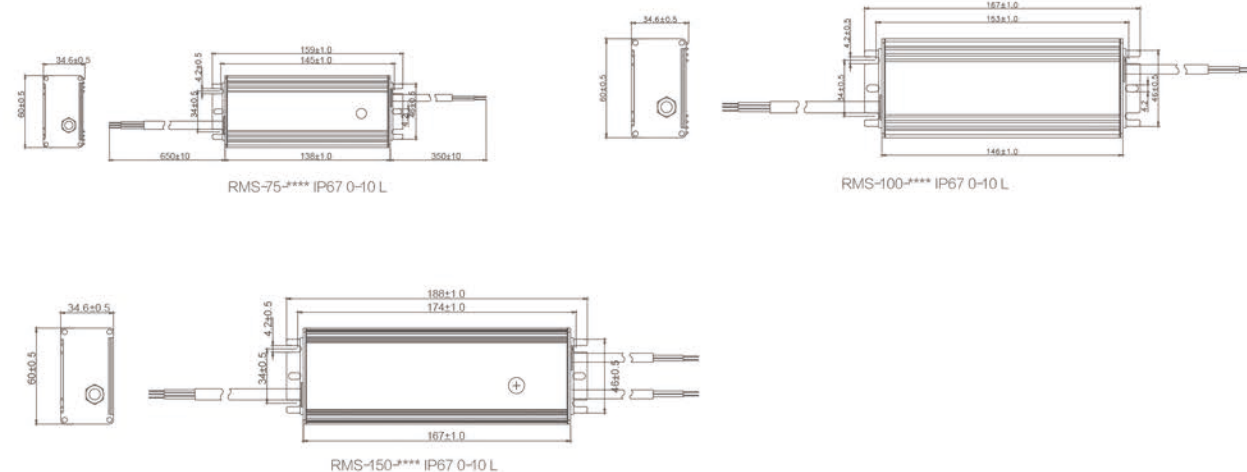


RMS-150-**** IP67 0-10 L



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold start at 230VAC)	Certification
RMS-40-1050 IP67 0-10 L	130*60*35	40W/350-1050mA/26-80V	≥88%	≥0.9	90°C	50A	CE/CCC
RMS-60-1800 IP67 0-10 L	159*60*34.6	60W/500-1800mA/23-67V	≥88%	≥0.95	90°C	60A	CE/CCC
RMS-75-1050 IP67 0-10 L RMS-75-2100 IP67 0-10 L	160*60*34.6	75W/700-1050mA/47-71V 75W/1400-2100mA/25-54V	≥88%	≥0.95	90°C	55A	CE/CCC
RMS-100-1050 IP67 0-10 L RMS-100-2100 IP67 0-10 L RMS-100-2800 IP67 0-10 L	167*60*34.6	100W/700-1050mA/67-143V 100W/1400-2100mA/33-72V 100W/1500-2800mA/27-56V	≥90% ≥91%	≥0.95	90°C	60A 55A	CE/CCC
RMS-150-1050 IP67 0-10 L RMS-150-2100 IP67 0-10 L RMS-150-4200 IP67 0-10 L	188*60*34.6	150W/700-1050mA/95-143V 150W/1400-2100mA/50-108V 150W/2200-4200mA/27-56V	≥91% ≥94%	≥0.95	90°C	60A	CE/CCC

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%



0-10_RMS Series 200-250W

Constant Current LED Driver Constant Power



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



RMS-200-**** IP67 0-10 L

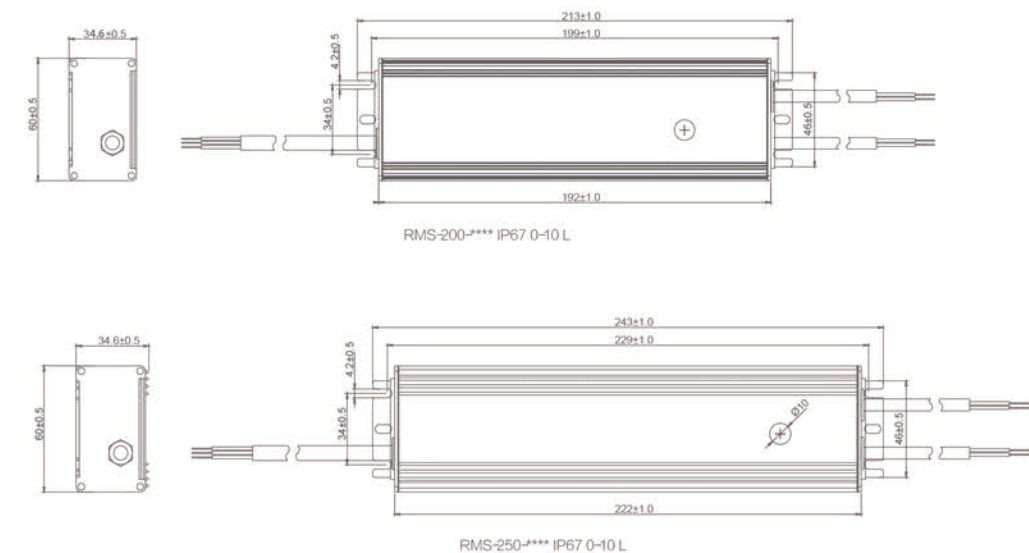


RMS-250-**** IP67 0-10 L



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold start at 230VAC)	Certification
RMS-200-1050 IP67 0-10 L	213*60*34.6	200W/700-1050mA/127-190V	≥91%	≥0.95	90°C	60A 65A	CE/CCC
RMS-200-2100 IP67 0-10 L		200W/1400-2100mA/67-143V	≥93%				
RMS-200-5600 IP67 0-10 L		200W/2900-5600mA/27-56V	≥91%				
RMS-250-1050 IP67 0-10 L	245*60*34.6	250W/700-1050mA/238-357V	≥91%	≥0.95	90°C	75A	CB/CE/ENEC

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%

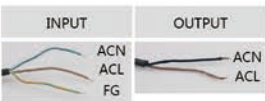
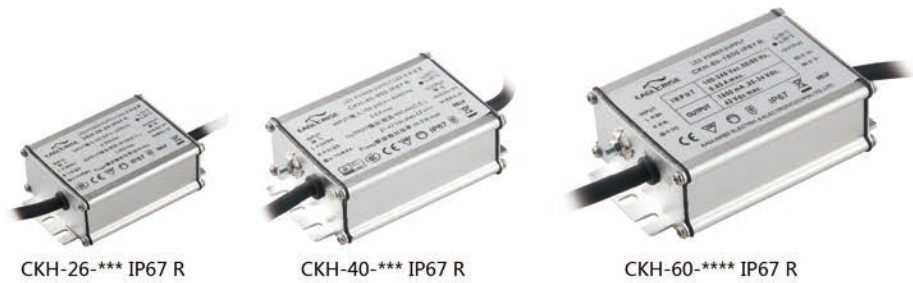


CKH Series 26-60W
Constant Current LED Driver Small Power Square Shape



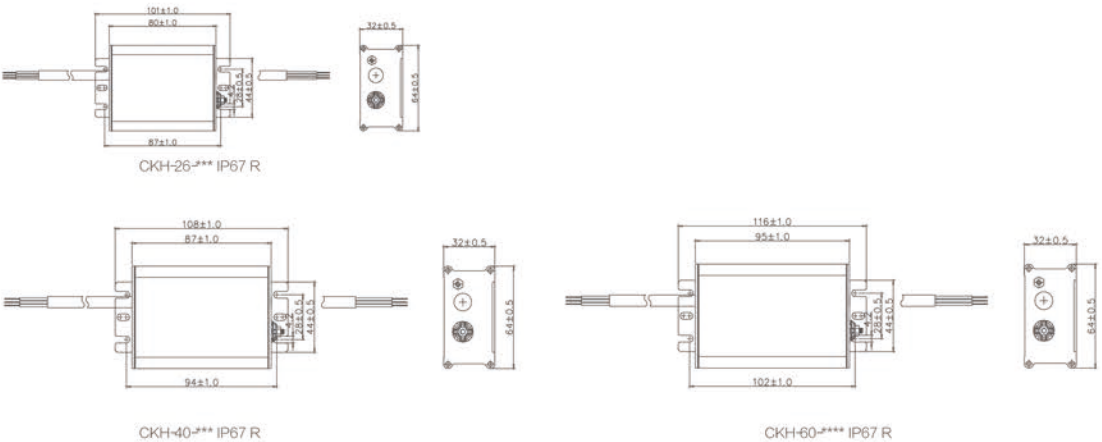
Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
CKH-26-450 IP67 R	101*64*32	26W/450mA/29-58V	≥88%	≥0.95	90°C	10A	CCC/TUV
CKH-26-600 IP67 R		26W/600mA/22-43V	≥88%				
CKH-26-700 IP67 R		26W/700mA/20-37V	≥87%				
CKH-40-600 IP67 R	108*64*32	40W/600mA/33-67V	≥88%	≥0.95	90°C	15A	CCC/TUV
CKH-40-700 IP67 R		40W/700mA/32-57V	≥88%				
CKH-40-950 IP67 R		40W/950mA/21-42V	≥87%				
CKH-40-1050 IP67 R		40W/1050mA/20-38V	≥87%				
CKH-60-1300 IP67 R	116*64*32	60W/1300mA/23-46V	≥90%	≥0.95	90°C	25A	CCC/TUV
CKH-60-1400 IP67 R		60W/1400mA/21-43V					
CKH-60-1500 IP67 R		60W/1500mA/20-40V					
CKH-60-1800 IP67 R		60W/1800mA/20-33V					

AC input voltage range	90-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	6kv line-line,10kv line-earth
THD	<10%



FMS-DALI2 Series 26-40W
Constant Current LED Driver DALI2 Dimming

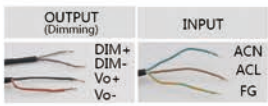


Features:

- Installation method: independent
- Class II: Isolation
- Protection: SCP / OLP / OVP / OTP
- Typical applications: LED strips, spotlights, low bay lights, tunnel lights
- Warranty period: 5 years
- Dimming depth 1%, dimming range 1% to 100%
- Support **button/touch** dimming, manual dimming
- Customizable logarithmic curve, linear dimming curve
- No flicker



FMS-26-700 IP65 DALI2 LG
FMS-40-1050 IP65 DALI2 LG



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
FMS-26-700 IP65 DALI2 LG	140*64*32	26W/150-700mA/9-45VDC	> 85%	≤0.5W	50°C/75°C	30A	CB CE CCC
FMS-40-1050 IP65 DALI2 LG	140*64*32	40W/700-1050mA/9-45VDC	> 86%	≤0.5W	50°C/75°C	30A	CB CE CCC

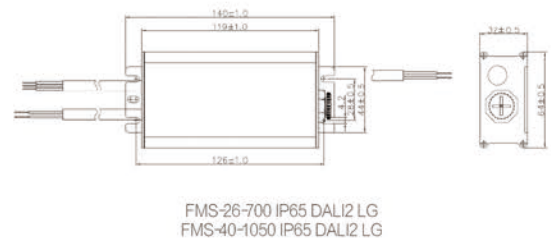
AC input voltage range	220-240VAC 50/60Hz
Start time	<1S
Hold time	1s max
Withstand voltage	Input-Output : 3750V/5mA/1min
Safety standard	IEC/EN61347-1,IEC/EN61347-2-13,EN62384,GB 19510.1,GB 19510.14
EMC standards	EN55015,EN61000-3-2,EN61000-3-3,EN61547,GB/T 17743,GB 17625.1

FMS-26-700 IP65 DALI2 LG							
Vo	Po	Io	1	2	3	4	
9-45VDC	6.8W	150mA	/	ON	/	/	
9-45VDC	9W	200mA	/	ON	/	ON	
9-45VDC	11.3W	250mA	/	ON	ON	/	
9-45VDC	13.5W	300mA	/	ON	ON	ON	
9-45VDC	15.8W	350mA	ON	/	/	/	
9-45VDC	18W	400mA	ON	/	/	ON	
9-45VDC	20.3W	450mA	ON	/	ON	/	
9-45VDC	22.5W	500mA	ON	/	ON	ON	
9-45VDC	24.8W	550mA	ON	ON	/	/	
9-43VDC	25.8W	600mA	ON	ON	/	ON	
9-40VDC	26W	650mA	ON	ON	ON	/	
9-38VDC	26.6W	700mA	ON	ON	ON	ON	

Factory default

FMS-40-1050 IP65 DALI2 LG							
Vo	Po	Io	1	2	3	4	
9-45VDC	31.5W	700mA	/	/	/	/	
9-45VDC	33.8W	750mA	/	/	/	ON	
9-45VDC	36W	800mA	/	/	ON	/	
9-45VDC	38.3W	850mA	/	/	ON	ON	
9-45VDC	40.5W	900mA	/	ON	/	/	
9-45VDC	42.8W	950mA	/	ON	/	ON	
9-44VDC	44W	1000mA	/	ON	ON	/	
9-42VDC	44.1W	1050mA	/	ON	ON	ON	

Factory default



RMH Series 75-150W
Constant Current LED Driver Universal & Constant Power



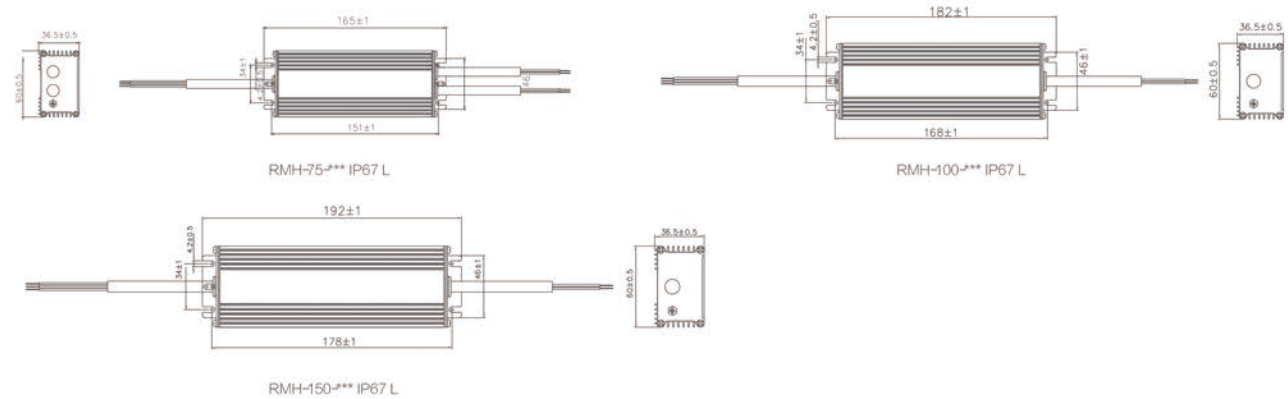
Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
RMH-75-1050 IP66 L RMH-75-1750 IP66 L RMH-75-2600 IP66 L	165*60*36.5	75W/700-1050mA/50-71V 75W/1190-1750mA/30-63V 75W/1800-2600mA/20-42V	≥88%	≥0.95	85℃	60A	CCC/TUV
RMH-100-1050 IP66 L RMH-100-2100 IP66 L RMH-100-3500 IP66 L	182*60*36.5	100W/700-1050mA/67-143V 100W/1400-2100mA/34-72V 100W/2450-3500mA/20-38V	≥91%	≥0.95	85℃	65A	CCC/TUV
RMH-150-1050 IP66 L RMH-150-3500 IP66 L RMH-150-5600 IP66 L	192*60*36.5	150W/700-1050mA/100-214V 150W/2450-3500mA/30-61V 150W/4200-5600mA/19-36V	≥91%	≥0.95	90℃	70A	CCC/TUV

AC input voltage range	90-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<10%



RMH Series 200W
Constant Current LED Driver Universal & Constant Power



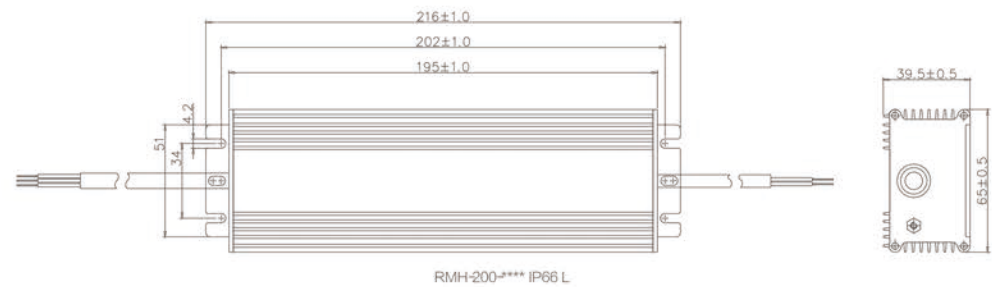
Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for street lighting and flood lighting applications
- 5 years warranty



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
RMH-200-5600 IP66 L	216*65*39.5	200W/3500-5600mA/24-54V	≥91%	≥0.95	90℃	75A	CCC/TUV

AC input voltage range	90-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<10%





VMS Series 50-100W

Constant Voltage LED Driver



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for wall-washing lighting and flood lighting applications
- 5 years warranty



VMS-50-24 IP67 R



VMS-60-24 IP67 L



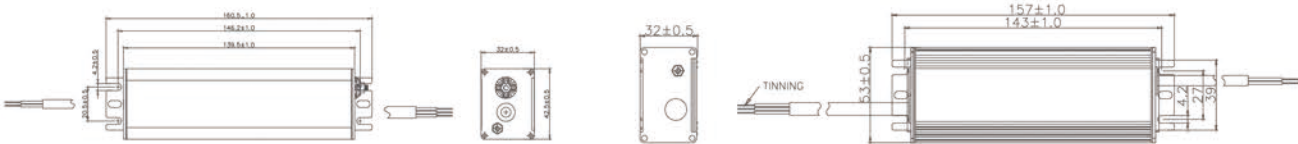
VMS-100-* IP67 L



INPUT	OUTPUT
ACN ACL FG	ACN ACL

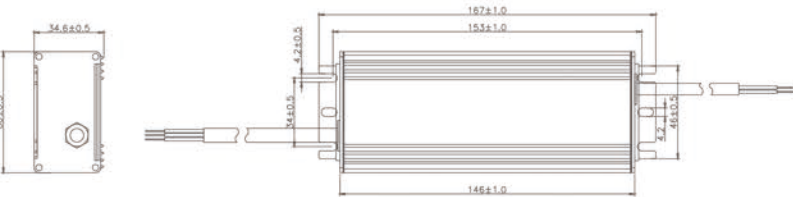
Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
VMS-50-24 IP67 R	160*42.5*32	50W/0-2.08A/24VDC	≥88%	≥0.95	85°C	15A	CCC
VMS-60-24 IP67 L	157*53*31.5	60W/0-2.5A/24VDC	≥89%	≥0.95	90°C	50A	CE/CCC
VMS-100-24 IP67 L	167*60*34.6	100W/0-4.16A/24VDC	≥91%	≥0.95	90°C	55A	CE/CCC
VMS-100-36 IP67 L		100W/0-2.77A/36VDC	≥91%				
VMS-100-42 IP67 L		100W/0-2.38A/42VDC	≥91%				

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<10%



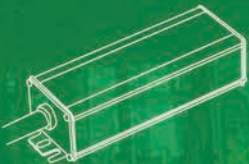
VMS-50-24 IP67 R

VMS-60-24 IP67 L



VMS-100-* IP67 L

LED Driver
Constant Voltage



VMS Series 150–300W

Constant Voltage LED Driver



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for wall-washing lighting and flood lighting applications
- 5 years warranty



VMS-150-* IP67 L



VMS-200-24 IP67 L1

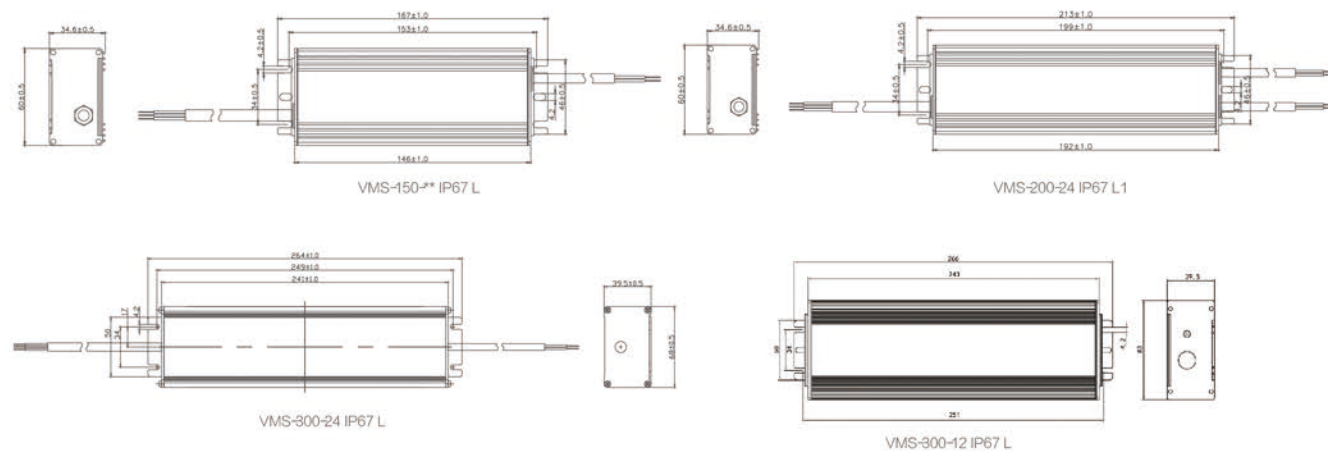


VMS-300-12 IP67 L
VMS-300-24 IP67 L



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
VMS-150-24 IP67 L	167*60*34.6	150W/0-6.25A/24VDC	≥90%	≥0.95	90°C	60A	CE/CCC
VMS-150-36 IP67 L		150W/0-4.16A/36VDC	≥91%				
VMS-150-42 IP67 L		150W/0-3.57A/42VDC	≥91%				
VMS-200-24 IP67 L1	213*60*34.6	200W/0-8.33A/24VDC	≥93%	≥0.95	90°C	75A	CE/CCC
VMS-300-12 IP67 L	266*83*39.5	300W/0-25A/12VDC	≥92%	≥0.95	90°C	60A	CE/CCC
VMS-300-24 IP67 L	266*68*39.5	300W/0-12.5A/24VDC	≥94%				

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<10%



VMH Series 40–150W

Constant Voltage LED Driver



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for wall-washing lighting and flood lighting applications
- 5 years warranty



VMH-40-24 IP67 R



VMH-75-* IP67 L



VMH-100-* IP67 L

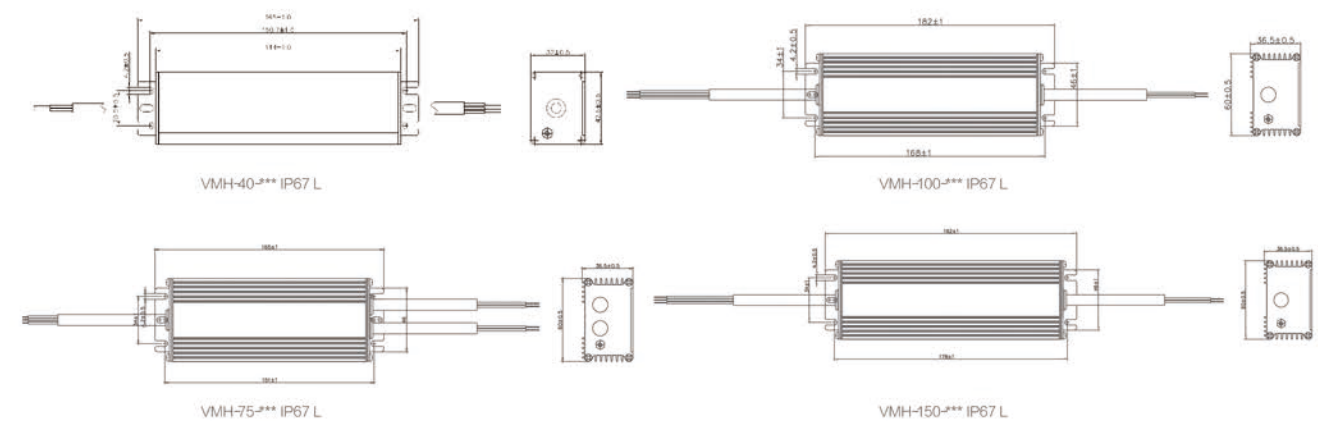


VMH-150-* IP67 L



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold startat 230VAC)	Certification
VMH-40-24 IP67 R	165*42.5*32	40W/0-1.67A/24VDC	≥87%	≥0.9	90°C	15A	CCC
VMH-75-12 IP67 L	165*60*36.5	75W/0-5A/12VDC	≥87%	≥0.9	85°C	60A	CE
VMH-75-24 IP67 L		75W/0-3.12A/24VDC	≥88%				
VMH-100-12 IP67 L	182*60*36.5	100W/0-8.33A/12VDC	≥90%	≥0.95	85°C	65A	CCC CE/CCC/ENEC CE/CCC/ENEC CE/CCC/ENEC
VMH-100-24 IP67 L		100W/0-4.16A/24VDC	≥91%				
VMH-100-36 IP67 L		100W/0-2.77A/36VDC	≥91%				
VMH-100-42 IP67 L		100W/0-2.38A/42VDC	≥91%				
VMH-150-12 IP67 L	192*60*36.5	150W/0-12.5A/12VDC	≥90%	≥0.95	90°C	75A	CCC
VMH-150-24 IP67 L		150W/0-6.25A/24VDC	≥91%				
VMH-150-36 IP67 L		150W/0-4.16A/36VDC	≥91%				
VMH-150-42 IP67 L		150W/0-3.57A/42VDC	≥91%				
VMH-150-48 IP67 L		150W/0-3.12A/48VDC	≥91%				

AC input voltage range	90-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<15%



VMH Series 200-320W

Constant Voltage LED Driver



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for wall-washing lighting and flood lighting applications
- 5 years warranty

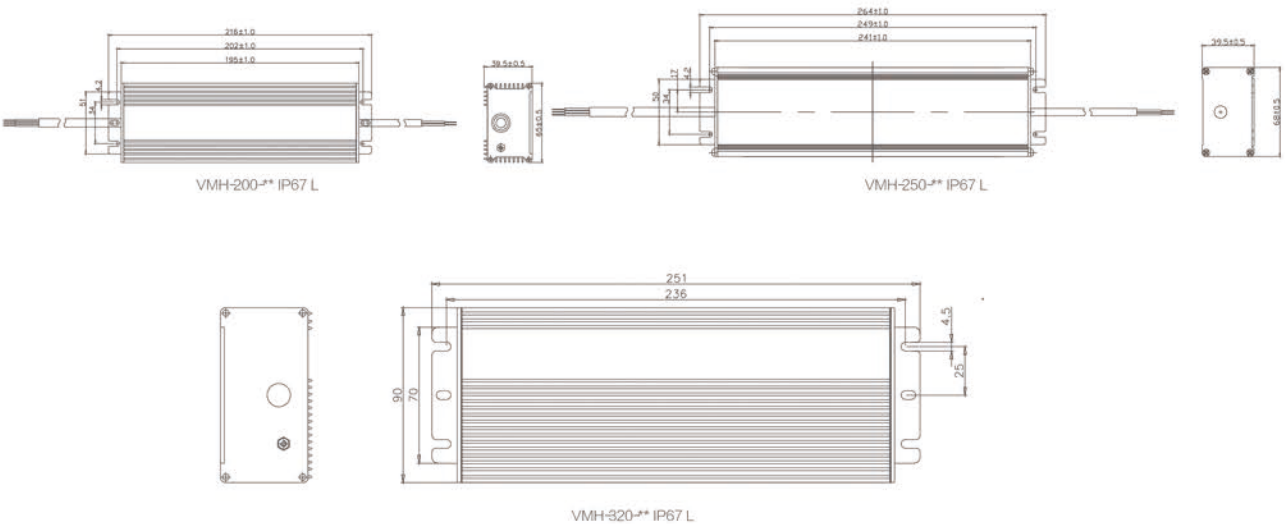


VMH-200-24 IP67 L VMH-250-24 IP67 L VMH-320-24 IP67 L



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold start at 230VAC)	Certification
VMH-200-12 IP67 L	216*65*39.5	200W/0-16.66A/12VDC	≥90%	≥0.95	90°C	75A	CE/CCC/ENEC
VMH-200-24 IP67 L		200W/0-8.33A/24VDC	≥91%				
VMH-200-36 IP67 L		200W/0-5.5A/36VDC	≥91%				
VMH-200-42 IP67 L		200W/0-4.76A/42VDC	≥91%				
VMH-200-48 IP67 L	265*68*39.5	200W/0-4.2A/48VDC	≥91%	≥0.95	90°C	75A	CE/CCC/ENEC
VMH-250-12 IP67 L		250W/0-20A/12VDC	≥91%				
VMH-250-24 IP67 L		250W/0-10A/24VDC	≥92%				
VMH-250-36 IP67 L		250W/0-6.94A/36VDC	≥91%				
VMH-250-42 IP67 L	251*90*47	250W/0-5.95A/42VDC	≥91%	≥0.9	90°C	75A	CCC
VMH-320-12 IP67 L		320W/0-23A/12VDC	≥91%				
VMH-320-24 IP67 L		320W/0-13.34A/24VDC	≥94%				

AC input voltage range	90-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<15%



VK Series 26-75W

Constant Voltage LED Driver



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP67 rated
- Suitable for dry/damp/wet locations
- Suitable for wall-washing lighting and flood lighting applications
- 5 years warranty

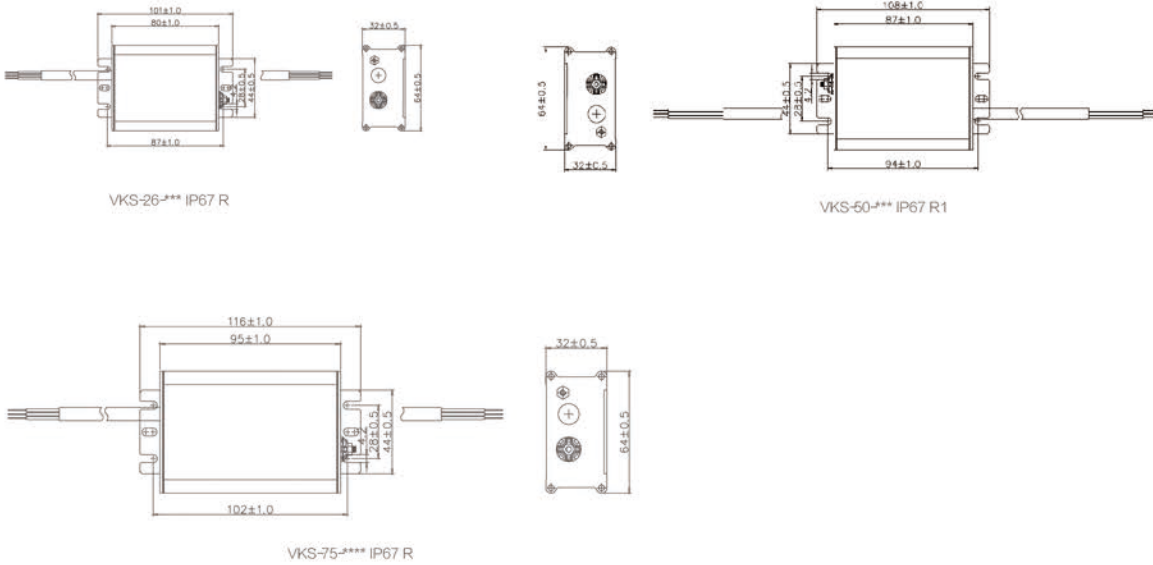


VKH-26-24 IP67 R VKS-50-24 IP67 R VKS-75-24 IP67 R



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold start at 230VAC)	Certification
VKH-26-24 IP67 R	101*64*32	26W/0-1.08A/24VDC	≥88%	≥0.95	85°C	15A	CE/CCC
VKS-50-24 IP67 R1	108*64*32	50W/0-2.08A/24VDC	≥89%	≥0.9	85°C	15A	CE/CCC
VKS-50-36 IP67 R1		50W/0-1.39A/36VDC					
VKS-75-24 IP67 R	116*64*32	75W/0-3.12A/24VDC	≥88%	≥0.95	85°C	25A	CCC
VKS-75-36 IP67 R		75W/0-2.08A/36VDC					

AC input voltage range	176-264VAC 50/60Hz (VKH-26 100-240VAC)
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	4kv line-line,6kv line-earth
THD	<10%



VTs Series 20-60W

Constant Voltage LED Driver



Features:

- Installation:Independent
- Class I,Isolated
- Protection:SCP/OLP/OVP/OTP
- Waterproof IP66 rated
- Suitable for dry/damp/wet locations
- Suitable for LED strip and Display applications
- 5 years warranty

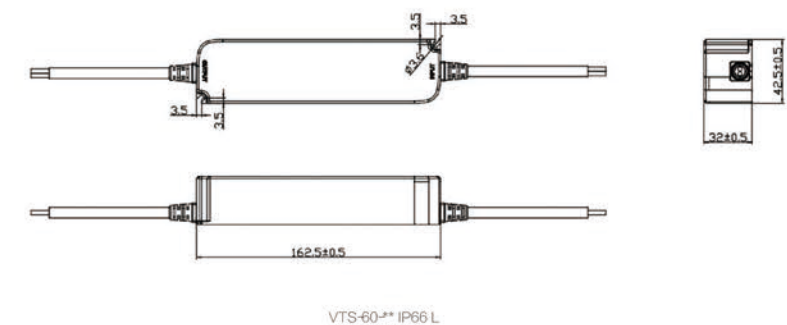
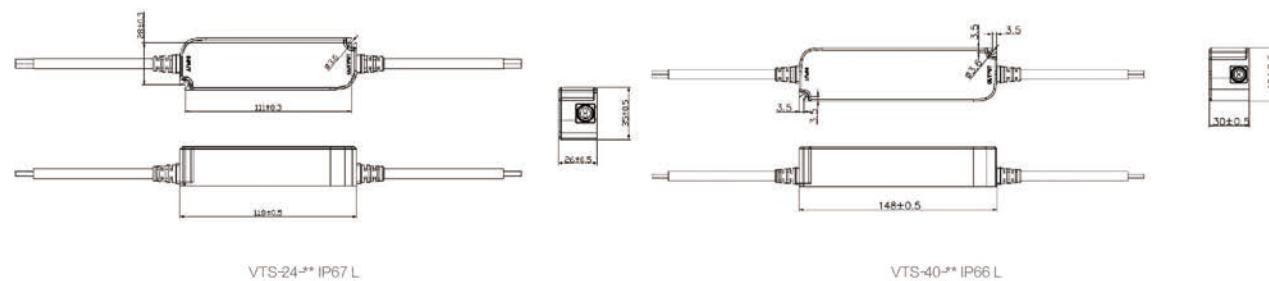


INPUT	OUTPUT (Non-Dimming)
ACN ACL	Vo+ Vo-



Model Number	Length * Width * Height	Output	Typical efficiency	PF	Tc	Inrush current (Cold start at 230VAC)	Certification
VTS-24-12 IP67 L VTS-24-24 IP67 L	118*35*26	24W/0-2A/12VDC 24W/0-0.1A/24VDC	≥86%	≥0.9	90°C	25A	CE/CCC/TUV
VTS-40-12 IP66 L VTS-40-24 IP66 L	148*42*30	40W/0-3.34A/12VDC 40W/0-1.67/24VDC	≥86% ≥88%	≥0.9	90°C	50A	CE/CCC/TUV
VTS-60-12 IP66 L VTS-60-24 IP66 L	162.5*42.5*32	60W/0-5A/12VDC 60W/0-2.5A/24VDC	≥86.5% ≥89%	≥0.9	90°C	50A	CE/CCC/TUV

AC input voltage range	176-264VAC 50/60Hz
Safety	EN61347-1,EN61347-2-13
EMC	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Surge protection	2kv line-line



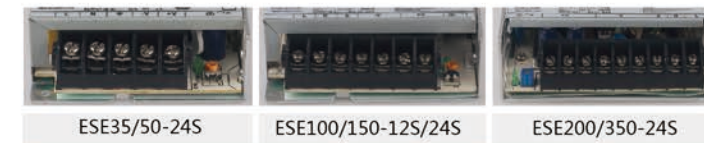
ESE-S Series 35-350W

Constant Voltage LED Driver



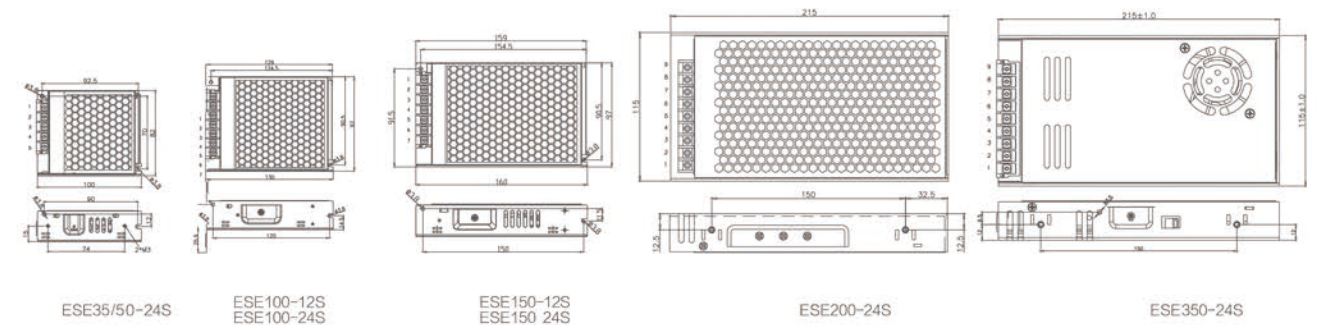
Features:

- constant voltage design
- Protections: short circuit/over load/over voltage
- Green LED indicator for power on
- Free Air Convection
- 100% full load burn-in test
- Class I , built-in
- 3 years warranty



Model Number	Length * Width * Height	Output	Tol.	Typical efficiency	Ta	Inrush current (Cold start at 230VAC)	Certification
ESE35-24S	99*82*30	35W/24V/1.5A	±1%	≥85%	70°C	45A	CE
ESE50-24S	99*82*30	50W/24V/2.2A	±1%	≥85%	70°C	80A	CE
ESE100-12S ESE100-24S	130*97*30	100W/24V/4.5A	±1%	≥88%	70°C	50A	CE
ESE150-12S ESE150-24S	160*97*30	150W/24V/6.5A	±1%	≥89%	70°C	60A	CE
ESE200-24S	215*115*30	200W/24V/8.3A	±1%	≥89%	70°C	60A	CE
ESE350-24S	215*115*30	350W/24V/14.6A	±1%	≥89%	70°C	60A	CE

AC input voltage range	100-240VAC 50/60Hz
Safety	UL60950-1
EMC	EN55022 class B,GB9254 Class B,EN55014
Surge protection	EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2)



Engineering Case



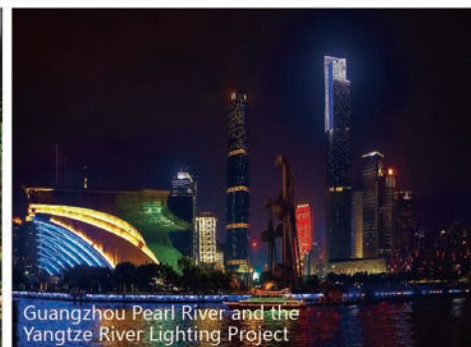
Beijing Evergrande Washington



Hubei Huangshi Gymnasium Lighting Project



Guilin Pingle Sanjiang Liuan Lighting Project



Guangzhou Pearl River and the Yangtze River Lighting Project



Xi'an Xianyang Tongde Jiayuan Lighting Project



Taiyuan Weihe Landscape Lighting Project



Taiyuan Binhe Sports Center Lighting Project



Wuhan Military Games Lighting Project



Zhuhai Hengqin Landscape Lighting Project



Jiangmen Donghu Park landscape lighting



Kempinski Hotel Beijing Project



Xi'an Xiaozhai Cross Lighting Project

Water Proof LED Driver Naming Rule V2.0



RMS-75-1050 IP67 DALI L
1 2 3 4 5 6 7 8

base description :

- 1 : 【Output mode】 See [table 1](#)
- 2 : 【Shape】 See [table 2](#)
- 3 : 【Input Voltage】 See [table 3](#)
- 4 : 【Output Power】
eg. : 75 means 75W, 150 means 150W
- 5 : 【Output Current/Voltage】
eg. : Constant Current : 1200 means 1200mA,
1050 means 1050mA(if output current adjustable default maximum current)
eg. : Constant Voltage : 12 means 12V, 24 means24V
- 6 : 【IP Grade】 IP65/IP67
- 7 : 【dimming mode】 (optional) See [table 4](#)
- 8 : 【power factor and frequency flash】 See [table 5](#)

Number Additional bit (optional) : When the sameproduct is updated but does not replace the original product,or the IC solution is updated, the original model will be usedin order 1,2,3. representation

Special description :

- 1.The 7th position can be adjusted.
2. Between 4,5,punctuation is "-" ; Between5,6,7,8,punctuation is "Space".

table 1

Output mode	letter
Constant Voltage	V
Constant Current	C
Adjustable CurrentWith Dip-Switch	N
Adjustable CurrentWith Programmable	P
Adjustable CurrentWith Potentionmeter	R

table 3

Rated input voltage	letter
220-240 VAC	S
100-240 VAC	H
100-120 VAC	E
100-277 VAC	X

table 2

M	Metal&Rectangles (Long : width≥2.0)
K	Metal&Square (Long : width<2.0)
T	Plastic&Rectangles

table 4

dimming mode	letter
DALI dimming	DALI
0-10V&PWM dimming	0-10
Blue dimming	Blue
Zigbee dimming	ZigB

table 5

λ	0.9	0.8	0.5
No Frequency	L	M	S
Frequency	R	/	/

CERTIFICATE



ADVANTAGE

