IP67 · NON-DIMMABLE

90 W LED Driver

Constant voltage — 12V & 24V



NON-DIMMABLE CONSTANT VOLTAGE LED DRIVER · 90 W · IP67

SKU: VL-NDM-90W-12V & VL-NDM-90W-24V · 100–240 VAC In · Aluminium · SAA & RCM

- 90 W constant-voltage output for 12V or 24V LED lighting.
- Fully waterproof IP67 aluminium case — indoor or outdoor.
- Wide 100–240 VAC input with active built-in PFC.
- High efficiency to 92% and power factor > 0.98 @ 220VAC.
- Full protection: short-circuit, over-voltage & overload.
- SAA approved & RCM compliant for Australian installations.

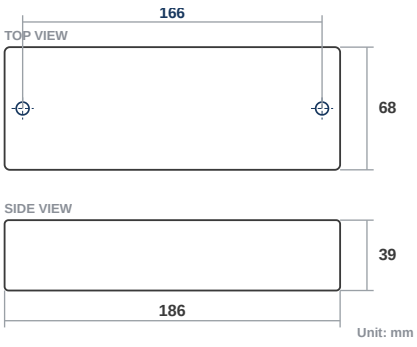
90W	IP67	SAA	RCM
MAX OUTPUT	WATERPROOF	SAA APPROVED	RCM COMPLIANT

0.95	SELV		4
POWER FACTOR	SELV OUTPUT	ALUMINIUM CASE	4-YEAR WARRANTY

TECHNICAL DETAILS

Volka SKU	VL-NDM-90W-12V	VL-NDM-90W-24V
Output Voltage	DC 12 V	DC 24 V
Output Current	7.5 A	3.75 A
Output Power	90 W	
AC Input	100–240 VAC · 50/60 Hz	
Efficiency (full load)	90% @ 220VAC	92% @ 220VAC
Power Factor	PF > 0.98 @ 220VAC	
THD / Standby Power	6.2% @ 220V · < 1.07 W	
Protection	Short-circuit, over-voltage & over-temperature	
Surge / Isolation	L-N 2 kV · L/N-PG 4 kV · I/P–O/P 3.75 kVAC	
Safety Standards	IEC/EN 61347-1 · 61347-2-13	
Working Temp.	−25 ~ +50 °C (Tc 80 °C)	
Housing / IP Rating	Aluminium, waterproof · IP67 (indoor & outdoor)	
Dimensions / Weight	186 × 68 × 39 mm · 0.80 kg	
Lifetime	50,000 hours	
Certification	SAA · RCM · CE · ETL · RoHS	
Warranty	4 Years	

DIMENSIONS & MOUNTING



186 × 68 × 39 mm · 166 mm mounting centres · Ø4 mm holes

PRODUCT VIEW



ORDERING INFORMATION

Volka SKU	Series Model	Output Voltage	Output Current	Power	IP Rating
VL-NDM-90W-12V	MV090N12	DC 12 V	7.5 A	90 W	IP67
VL-NDM-90W-24V	MV090N24	DC 24 V	3.75 A	90 W	IP67

Installation: mount on a flat, non-combustible surface and leave free air around the case — these drivers cool by natural convection. For best service life run at no more than 90% of rated output. The DC output is SELV; observe polarity and do not parallel driver outputs.

Specifications are subject to change without notice. © Volka Lighting.