

Ocular EVDB Range - Indoor & Outdoor Variants



Indoor



Outdoor

PRODUCT OVERVIEW

The Ocular EVDB range provides safe, scalable and compliant distribution for EV charging systems. Available in both indoor and outdoor variants, these units are engineered for residential, commercial and fleet applications.

- Indoor Variant: Apex + Board, designed for internal environments.
- Outdoor Variant: Elite Board, designed for outdoor exposure with IP66 rating.
- Pre-configured RCBO protection.
- Skeleton type distribution boards: 24, 36, 48, 72 poles.
- 70% loaded configuration with expansion allowance.
- Compliant with Australian Standards.
- Suitable with AC charging and 1x low powered DC charger (60kW).

TECHNICAL SPECIFICATIONS

Specification	Indoor (Apex +)	Outdoor (Elite Board)
Dedicated EV-DB		
Skeleton Sizes Available	24, 36, 48, 72 pole	
Loading Configuration	70% loaded	
Din Rail (Top Section)	2 x 8 + 24 Pole Removable	
RCBO Type	1P+N / 3P+N	
Rated Voltage	230V / 400V AC	
Main Incoming	250A	
Enclosure	Indoor Apex + Board	Outdoor Elite Board
IP Rating	IP43	IP66
Compliance	AS/NZS 61439, AS/NZS 3000	
Dimension (H x W x D)	1400mm x 600mm x 200mm	1400mm x 600mm x 250mm
Rated Operational Voltage	415V	
Rated Insulation Voltage	690V	
Rated Impulse Voltage	4kV	
Rated Short Circuit	20kA 0.2sec 40kV peak	
Frequency	50Hz	
IK Rating	IK05	
Extension Set		
Din Rail Extension	2 x 24 Pole	
Compliance	AS/NZ 61439-3	
Protection	Suitable for lightning protection	
IK Rating	IK05	
IP Rating	IP66	
Dimension (H x W x D)	400mm x 600mm x 200mm	400mm x 600mm x 250mm

OLD BUILDS (PRE NCC 2022)

Skeleton Size	Skeleton Size		
24 Pole Single-phase	24 EVC	24 Pole Three-phase	6 EVC
36 Pole Single-phase	36 EVC	36 Pole Three-phase	9 EVC
48 Pole Single-phase	44 EVC	48 Pole Three-phase	12 EVC
72 Pole Single-phase	44 EVC	72 Pole Three-phase	18 EVC

NEW BUILDS (POST NCC 2022)

Skeleton Size	Skeleton Size		
24 Pole Single-phase	24 EVC	24 Pole Three-phase	6 EVC
36 Pole Single-phase	36 EVC	36 Pole Three-phase	9 EVC
48 Pole Single-phase	44 EVC	48 Pole Three-phase	12 EVC
72 Pole Single-phase	44 EVC	72 Pole Three-phase	18 EVC

ORDERING GUIDE

Model	Variant	Phase Type	Skeleton Size	Configuration
HAG-IN-SKE-24	Indoor	N/A - Skeleton	24 Pole	No RCBO
HAG-IN-SKE-36	Indoor	N/A - Skeleton	36 Pole	No RCBO
HAG-IN-SKE-48	Indoor	N/A - Skeleton	48 Pole	No RCBO
HAG-IN-SKE-72	Indoor	N/A - Skeleton	72 Pole	No RCBO
HAG-OUT-SKE-24	Outdoor	N/A - Skeleton	24 Pole	No RCBO
HAG-OUT-SKE-36	Outdoor	N/A - Skeleton	36 Pole	No RCBO
HAG-OUT-SKE-48	Outdoor	N/A - Skeleton	48 Pole	No RCBO
HAG-OUT-SKE-72	Outdoor	N/A - Skeleton	72 Pole	No RCBO
HAG-IN-L1P-24	Indoor	Single Phase	24 Pole	70% RCBO Loaded
HAG-IN-L1P-36	Indoor	Single Phase	36 Pole	70% RCBO Loaded
HAG-IN-L1P-48	Indoor	Single Phase	48 Pole	70% RCBO Loaded
HAG-IN-L1P-72	Indoor	Single Phase	72 Pole	70% RCBO Loaded
HAG-IN-L3P-24	Indoor	Three Phase	24 Pole	70% RCBO Loaded
HAG-IN-L3P-36	Indoor	Three Phase	36 Pole	70% RCBO Loaded
HAG-IN-L3P-48	Indoor	Three Phase	48 Pole	70% RCBO Loaded
HAG-IN-L3P-72	Indoor	Three Phase	72 Pole	70% RCBO Loaded
HAG-OUT-L1P-24	Outdoor	Single Phase	24 Pole	70% RCBO Loaded
HAG-OUT-L1P-36	Outdoor	Single Phase	36 Pole	70% RCBO Loaded
HAG-OUT-L1P-48	Outdoor	Single Phase	48 Pole	70% RCBO Loaded
HAG-OUT-L1P-72	Outdoor	Single Phase	72 Pole	70% RCBO Loaded
HAG-OUT-L3P-24	Outdoor	Three Phase	24 Pole	70% RCBO Loaded
HAG-OUT-L3P-36	Outdoor	Three Phase	36 Pole	70% RCBO Loaded
HAG-OUT-L3P-48	Outdoor	Three Phase	48 Pole	70% RCBO Loaded
HAG-OUT-L3P-72	Outdoor	Three Phase	72 Pole	70% RCBO Loaded

NOTES

- Pre-wired for simplified installation.
- Optional metering, surge protection and communications modules available.
- Custom configurations available for large-scale projects.
- Indoor units suitable for internal mounting, outdoor units rated for exposure.

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