



## Main Benefits

- » Easy cable storage
- » Adjustable up to 32A (7.4 kW) of charging
- » Operating temperature range: -25°C - +55°C
- » Dynamic Load Balancing up to 99A
- » RFID or Auto-Start Features
- » Integrated Isolator Switch
- » Integrated temperature sensor

## Dynamic Load Balancing

Dynamic Load Balancing is integrated throughout our entire EV Charger range, it regulates the charging power to harmonise with other household loads to avoid current overloading. This is achieved by reducing the current draw of the EV charger so the system operates smoothly below the house's limit. This optimises home power usage and avoids tripping the breaker which would cause a power outage.

Specification		Amstel 7.4
Power Input	Input Rating	230Vac± 10% Single-Phase
	Wiring	L+N+PE
	Frequency	50/60Hz
Power Output	Output Power	7.4kW max
	Output Current	Adjustable from 6A/8A/10A/12A/16A/20A/25A/32A
	Charging Interface	IEC 62196-2 Type 2 tethered or socket only
User Interface & Control	Status Indicators	RGB LED
	Isolator Switch	External Integrated Isolator Switch
	Card Reader	ISO/IEC 14443 A/B Mifare RFID reader
Operating Features	Operating Modes	Adjust DIP switches for RFID or Auto-Start Modes
	Dynamic Load Balancing	External adjustable DLB function up to 99A
Environmental	Operating Temperature	-25°C- 55°C
	Storage Temperature	-40°C - 70°C
	Humidity	0%-95% no condensation
	Altitude	<3000m
Mechanical	Ingress Protection	IP65
	Cooling	Passive cooling
	Dimension (W*H*D)	140*390*205mm
	Weight	6.2kg
	Charging Cable Length	6m
	Installation	Wall-mounted, Pole-mounted
Regulation	Certifications	CE
Warranty	Warranty	5 Years



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