

**Ingeteam** are a market leading specialist in electrical engineering and product development, they have over 60 years' experience in the electrical sector and more than 35 years in the electronics sector. The Spanish company employs more than 3,000 professionals, of which over 32% are dedicated to project engineering and development and 11% of personnel dedicated specifically to R&D. They currently have regional facilities and manufacture in twelve locations worldwide in addition to the ten manufacturing, R&D and service locations in Spain alone. **Ingeteam** see technology and Innovation as their growth engine and the business vision centres around three key philosophies; Quality, Technology & Innovation and Leading Service Provider. To date **Ingeteam** has deployed more than 31GW of product to the Global Renewable Energy Market.

The next evolution of energy efficient products and quality innovation **Ingeteam** has developed a range of electric vehicle chargers that cover the full range of electrical vehicle charging requirements.

The **INGEREV**<sup>®</sup> Garage product line has been designed for use in public car parks, hotels, shopping and leisure centres, private parking lots, housing blocks, etc. These garage charging station models are equipped with a power outlet that is compliant with the IEC 62196-2 standard, permitting vehicle recharging in mode 3 of the IEC 61851 international standard, for a guaranteed safe charging process. Furthermore, all the models in the IngeREV<sup>®</sup> Garage range are fitted with an additional power outlet for charging in modes 1 and 2.

The **INGEREV**<sup>®</sup> Garage models are all supplied with the same enclosure design, intended to be wall-mounted either indoors or outdoors. Available in either a single phase or three-phase version, with a maximum current of up to 32 Amps per phase, and up to a maximum power output of 22 kW. This makes the charging process as much as 6 times quicker than through a domestic socket, achieving charging times of less than 2 hours for most vehicles.

The **INGEREV**<sup>®</sup> Garage charging stations are equipped with a cable retention and locking system (only for Mode 3) to prevent removal by unauthorised users. In the event of a power cut, the **INGEREV**<sup>®</sup> Garage charging stations automatically return to their status prior to the power failure, guaranteeing successful completion of the charging process. Each **INGEREV**<sup>®</sup> Garage is enabled for remote communication with a control centre, offering the possibility of monitoring demand and setting charging rates, either through Ingeteam's proprietary software or integration in third party control centres.

The **INGEREV**<sup>®</sup> City product line features an attractive design that blends easily with the street furniture, it's vandal-proof and weatherproof rating means that it is suitable for indoor and outdoor installation. The **INGEREV**<sup>®</sup> City charging station models are equipped with a power outlet that is compliant with the IEC 62196-2 standard, permitting vehicle recharging in mode 3 of the IEC 61851 international standard, for a guaranteed safe charging process. Furthermore, all the models in the **INGEREV**<sup>®</sup> City range are fitted with an additional power outlet for charging in modes 1 and 2.

**INGEREV®** City offers two different possibilities, depending on the type of installation: Ground “G”: for use in public places. Wall “W”: for mounting on garage or car park walls. Available in either a single phase or three-phase version, with a maximum current of up to 32 Amps per phase, and up to a maximum power output of 22 kW. Again this makes the charging process as much as 6 times quicker than through a domestic socket, achieving charging times of less than 2 hours for most vehicles. The **INGEREV®** City charging stations are equipped with a cable retention and locking system to prevent removal by unauthorised users.

In the event of a power failure, the **INGEREV®** City charging stations have a minimum autonomy of one hour, guaranteeing cable retention during this time, until new user identification. Each **INGEREV®** Garage is enabled for remote communication with a control centre, offering the possibility of monitoring demand and setting charging rates, either through Ingeteam’s proprietary software or integration in third party control centres.

**INGEREV®** Road is the model within the product range designed to achieve faster electric vehicle charging times. The **INGEREV®** Road DC fast charge station is based on the CHAdeMO standard and offers an outstanding service in terms of safety, convenience and speed, with charging times ranging from 15 to 30 minutes. **Ingeteam** has designed the **INGEREV®** Road charging station based on its extensive experience manufacturing power converters with high-efficiency IGBTs.

The **INGEREV®** Road features a steel case that guarantees complete resistance against extreme ambient conditions. At the same time, thanks to its low noise level whilst operating, it is extremely suitable for indoor installation in closed spaces, such as garages, and near to residential areas.

**Si Clean Energy** are the exclusive distributor of all **Ingeteam** products throughout Australia. For further information on the EV products or any other **Ingeteam** products then please contact one of our expert team.