

# Green'up™ Premium charging stations

for electric vehicle charging



Charging stations compliant with ZE Ready<sup>1)</sup> specifications

With power adjustment function



Technical characteristics and wiring diagrams **p. 377-378**  
Dimensions **p. 378-379**

For charging all electric vehicles (equipped with single-phase and three-phase chargers) and plug-in hybrids in Mode 2 or Mode 3 in complete safety. Compliant with standards IEC 61851-1 and 61851-22.  
Charging station power can be adjusted with adapted protection devices and power supply circuits. Local wireless communication via embedded Bluetooth for configuration and control of charging station via smartphone or tablet using the IOS or Android compatible app.  
Available functions: changing station status, daily charging program, charging station activation/deactivation, power management, firmware updates. Application additional functions: weekly charging program, consumption monitoring with cloud storage for data, status notification. Remote wireless IP communication with communication kit Cat.No 0 590 56.  
Equipped with:  
- a 2P+E socket with Green'up Access safety shutter featuring the innovative Green'up system, a Legrand Group technology which activates "maximum power" mode, ensuring fast, safe charging for 2P+E plugs (Mode 2)<sup>(2)</sup>  
- a 3P+N+E (T2S) Type 2 socket with blanking plates (single-phase or three-phase operation) with pilot wire (Mode 3).  
Connected and protected from the electrical panel via 1 protected dedicated line (2 dedicated lines for 2-vehicle charging station).  
Off-peak control option via contactor, clock and switch (volt-free contact input 12 V<sub>~</sub>).  
Remote ON/OFF control option (volt-free contact input 12 V<sub>~</sub>).

Pack	Cat.Nos	Plastic single-phase charging stations - Mode 3
1	0 590 00	IP 44 - IK 08 Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground <b>3,7/4,6 kW - 16/20 A</b> For charging 1 vehicle
1	0 590 01	<b>7,4 kW - 32 A</b> Power adjustment option: - 3,7/4,6/5,7/7,4 kW - 16/20/25/32 A For charging 1 vehicle
1	0 590 30	<b>Plastic single-phase charging stations - Modes 2 and 3</b> IP 44 - IK 08 Wall mounting charging stations to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground <b>3,7/4,6 kW - 16/20 A</b> For charging 1 vehicle
1	0 590 35	<b>7,4 kW - 32 A</b> Power adjustment option: - 3,7/4,6/5,7/7,4 kW - 16/20/25/32 A For charging 1 vehicle
1	0 590 41	<b>Metal single-phase charging stations - Modes 2 and 3</b> IP 55 - IK 10 Must be equipped with the following for: - wall mounting version: a mounting kit supplied with a metal front cover Cat.No 0 590 53 - free standing version: a pedestal supplied with a metal front cover Cat.No 0 590 54 <b>3,7/4,6 kW - 16/20 A</b> For charging 1 vehicle
1	0 590 42	For charging 2 vehicles simultaneously

Pack	Cat.Nos	Metal single-phase charging stations - Modes 2 and 3 (continued)
1	0 590 43	<b>7,4 kW - 32 A</b> Power adjustment option: - 3,7/4,6/5,7/7,4 kW - 16/20/25/32 A For charging 1 vehicle
1	0 590 44	For charging 2 vehicles simultaneously
1	0 590 02	<b>Plastic three-phase charging station - Mode 3</b> IP 44 - IK 08 Wall mounting charging station to be equipped with pedestal Cat.No 0 590 52 for fixing to the ground <b>22 kW - 32 A</b> Power adjustment option: - 11/15/18/22 kW - 16/20/25/32 A For charging 1 vehicle
1	0 590 48	<b>Metal three-phase charging stations - Modes 2 and 3</b> IP 55 - IK 10 Must be equipped with the following for: - wall mounting version: a wall mounting kit supplied with a metal front cover Cat.No 0 590 53 - free standing version: a mounting pedestal supplied with a metal front cover Cat.No 0 590 54 <b>22 kW - 32 A</b> Power adjustment option: - 11/15/18/22 kW - 16/20/25/32 A For charging 1 vehicle
1	0 590 49	For charging 2 vehicles simultaneously

1: Charging stations compliant with EV Ready 1.2 specifications for construction regulations applicable to these products  
EV Ready is a registered trademark of Renault.  
2: For vehicles with cable equipped with Legrand Green'up plug