

RESULTS CHARGE POINT OPERATORS (CPO) NETHERLANDS AND LUXEMBOURG							Netherlands	Luxembourg	
Provider	Fastned	Shell Recharge	Ionity	Total Energies	BP Pulse	E-Flux	Esso	Chargy	
Web	fastnedcharging.com/nl	shellrecharge.com/nl-nl	ionity.eu	totalenergies.com	www.bp.com/nl_nl/netherlands	e-flux.io/nl	www.esso.lu	chargy.lu	
Number of HPC charging points (min. 150 kW)*	869	> 500	44	n/a	104	k.A.	n/a	44	
BEFORE CHARGING									
Signage / Illumination / Weather protection / Seating	↗/↗/↗/→	→/↑/↓/↘	↓/↘/↓/↘	→/→/↓/↘	↓/↑/↓/↓	↓/↑/↘/↓	↓/↑/↓/→	↗/→/↓/→	
WC / Restaurant, Snacks or Sale (vending machine) / Free WiFi	↑/→/↘	↑/→/↗	↗/↗/→	→/↘/→	↘/↘/→	↘/↘/↓	↗/↗/→	↗/→/↓	
Parking Signage / Marking / Size	↑/→/↑	↑/→/↑	↘/→/↑	↑/↑/↑	↓/↑/↑	→/↘/↑	↘/→/↗	↑/↘/→	
Service station / Security camera / Cleanliness / Trash cans	↗/↑/↑/→	↑/↑/↑/↑	→/↘/↗/→	↑/↗/↗/↑	↑/→/↑/↑	→/↘/↑/→	↗/↘/↗/↑	↑/↗/↗/↑	
DURING CHARGING									
Placement of station / Cable management / Readability of display	↑/↑/↑	↑/↑/↑	↑/↗/→	↑/→/↑	↗/↑/↑	→/↑/↑	→/↑/↑	↑/↑/↑	
Identification of station / Functionality / Noise emissions	→/↑/↘	↑/→/↗	↑/↗/↑	→/↑/↑	→/↑/↑	↘/↗/↗	↑/↑/↑	→/↑/↗	
Display: Current charging power / Charged kWh / Charged time	↑/↑/↑	↑/↑/↑	↑/↑/↑	↑/↑/↑	↑/↑/↑	↗/↑/↗	↑/↑/↑	↑/↗/↑	
Price Transparency	very good	very good	very good	satisfactory	sufficient	sufficient	very good	very good	
Accessibility: Dimensions of parking sp. / of charging st. / Obstacles	↗/↓/↘	→/↓/↓	↘/↓/↗	↗/↓/↓	→/↓/↑	→/↓/→	↓/↓/↑	↘/↓/↓	
AFTER CHARGING									
Hotline: Number on station / Cost / Languages / Quality	↑/↑/↗/↑	↑/↑/↑/↑	↑/↑/↑/↑	↑/↑/↑/↑	↑/↑/↑/↗	→/↑/↑/↑	↓/↓/↗/→	↗/↑/↗/↗	
Payment: RFID / QR / Credit or debit card reader / Apple, Google Pay	+/+ / partially / -	+ / + / + / +	+ / + / - / partially	+ / + / - / -	+ / - / partially / -	+ / partially / partially / -	+ / + / - / -	+ / - / partially / -	
Plug & Charge / Autocharge	- / +	- / -	+ / -	- / -	- / -	- / -	- / -	- / -	
TEST RESULTS									
BEFORE CHARGING	max. 350	276	260	217	211	205	171	239	198
DURING CHARGING	max. 380	307	304	302	267	244	177	324	316
AFTER CHARGING	max. 270	212	215	210	205	168	143	110	137
connect	VERDICT max. 500	795 good	779 good	729 satisfactory	683 satisfactory	617 satisfactory	491 inadequate	673 satisfactory	651 satisfactory

* according to information provided by CPOs and own research Explanation of symbols: ↑ = very good; ↗ = good; → = satisfactory; ↘ = sufficient; ↓ = inadequate



RESULTS CHARGE POINT OPERATORS (CPO) BELGIUM						Belgium
Provider	Ionity	Fastned	Total Energies	Allego	Powerland	
Web	ionity.eu/de	fastnedcharging.com/fr	totalenergies.com/fr	www.allego.eu/fr-fr	www.powerland.be/fr	
Number of HPC charging points (min. 150 kW)*	55	132	n/a	114	n/a	
BEFORE CHARGING						
Signage / Illumination / Weather protection / Seating	↗/↘/↓/→	↓/↑/→/↘	↗/↑/→/↓	↓/↗/↘/↓	↓/↘/↓/↓	
WC / Restaurant, Snacks or Sale (vending machine) / Free WiFi	↑/↗/↓	↘/↘/↘	↑/↗/→	→/→/↓	↘/↘/↓	
Parking Signage / Marking / Size	↗/↑/↑	→/→/↑	↓/↑/↗	↑/→/↑	↓/↑/↑	
Service station / Security camera / Cleanliness / Trash cans	→/→/↑/↑	↓/→/↓/→	↑/↑/→/↑	↘/↓/↑/↗	→/↘/↗/↗	
DURING CHARGING						
Placement of station / Cable management / Readability of display	↑/↑/↑	↑/↑/↑	→/→/↑	↑/↑/↑	→/→/↑	
Identification of station / Functionality / Noise emissions	↑/↑/→	↑/↑/↑	↑/↗/↑	↗/↑/↑	↓/↑/↑	
Display: Current charging power / Charged kWh / Charged time	↑/↑/↑	↑/↑/↑	↑/↑/↑	↑/↑/↑	↑/↑/↑	
Price Transparency	very good	very good	very good	very good	sufficient	
Accessibility: Dimensions of parking sp. / of charging st. / Obstacles	↑/↓/↑	↑/↓/→	↗/↓/↗	↑/↓/↘	↘/↑/↓	
AFTER CHARGING						
Hotline: Number on station / Cost / Languages / Quality	↑/↑/↑/↑	↑/↑/↗/↑	↑/↑/↑/↑	↑/↘/→/→	↗/↓/↗/↗	
Payment: RFID / QR / Credit or debit card reader / Apple, Google Pay	+ / + / - / +	+ / + / + / +	+ / + / - / +	+ / + / - / +	+ / - / + / +	
Plug & Charge / Autocharge	+ / -	- / +	- / +	- / -	- / -	
TEST RESULTS						
BEFORE CHARGING	max. 350	267	211	238	215	168
DURING CHARGING	max. 380	347	349	308	330	190
AFTER CHARGING	max. 270	235	253	230	140	138
connect	VERDICT max. 500	849 good	813 good	776 good	685 satisfactory	496 inadequate

* according to information provided by CPOs and own research Explanation of symbols: ↑ = very good; ↗ = good; → = satisfactory; ↘ = sufficient; ↓ = inadequate

