



Preez fastchargers

model:	Preez70	Preez140	Preez210	Preez+250
Input-AC				
Voltage (-15% to +10%):	3x400V	3x400V	3x400V	3x400V
Current (with 3x400V)	36A	72A	108A	16A - 36A
connection cable section:	10mm ²	25mm ²	35mm ²	1,5mm ² - 10mm ²
frequency range:	45-65Hz	45-65Hz	45-65Hz	45-65Hz
Max power:	25kW	50kW	75kW	11 - 25kW
Power factor:	>99%	>99%	>99%	>99%
Output-DC				
Max Voltage:	800V	800V	800V	610V
Max Current:	70A	140A	210A	250A
Max power:	25kW	50kW	75kW	100kW
Efficiency:	>95% at load over 10kW	>95% at load over 20kW	>95% at load over 30kW	>95% at load over 30kW
Functionality				
Connector/socket type:	CCS	CCS	CCS	CCS
Charging cable length:	3m or 5m or 8m	3m or 5m or 8m	3m or 5m or 8m	3m or 5m or 8m
Bidirectional:	Yes	Yes	Yes	Yes
Integrated backend system:	Optional	Optional	Optional	Optional
Charging control via app:	Optional	Optional	Optional	Optional
Plug&Charge	Optional	Optional	Optional	Optional
Timesharing	Optional	Optional	Optional	Optional
Remote service	Optional	Optional	Optional	Optional
V2G	Optional	Optional	Optional	Optional
RFID reader	Optional	Optional	Optional	Optional
HV-cabinet required	No	Yes	Yes	No
Energy storage in station:	No	No	No	Yes
Peak shaving possible:	No	No	No	Yes
Connectivity	OCPP 1.6J	OCPP 1.6J	OCPP 1.6J	OCPP 1.6J
Safety				
galvanic isolation:	Yes	Yes	Yes	Yes
Main switch:	Yes	Yes	Yes	Yes
Fuse protection AC:	Yes	Yes	Yes	Yes
Fuse protection DC:	Yes	Yes	Yes	Yes
Isolation detection DC-side:	Yes	Yes	Yes	Yes
Hardware				
Dimensions:	1600x600x600mm	1600x600x600mm	2000x600x600mm	2000x1200x600mm
Weight:	100kg	150kg	200kg	700kg
IP and IK degree:	IP55 and IK10	IP55 and IK11	IP55 and IK12	IP55 and IK12
Remote charging pole	Optional, up to max 20m	Optional, up to max 20m	Optional, up to max 20m	Optional, up to max 20m
Operating environment				
outdoor environment:	Yes	Yes	Yes	Yes
Temperature:	-15°C to +40°C (derating >40°C)	-15°C to +40°C (derating >40°C)	-15°C to +40°C (derating >40°C)	-15°C to +40°C (derating >40°C)
Relative humidity:	<95%, non condensing	<95%, non condensing	<95%, non condensing	<95%, non condensing

