



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
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
Connectivity:	OCPP 1.6J	OCPP 1.6J	OCPP 1.6J	OCPP 1.6J
Bidirectional:	Yes	Yes	Yes	Yes
V2G:	Ready	Ready	Ready	Ready
HV-cabinet required:	No	Yes	Yes	No
Energy storage in station:	No	No	No	Yes
Peak shaving possible:	No	No	No	Yes
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
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

