

# SEC 80kW INTEGRATED DC CHARGER

## Product Profile >>>

Equipping with self-developed power module, it can output high charging power (80kW) with high efficiency ( $\geq 96\%$ ). The output voltage of it can realize a wide range of 200~1000Vdc, which can meet most of EVs in the market and support high voltage charging. Using a new design, this charger can also support AC charging so that one parking can support three EVs charging simultaneously.



## Highlights >>>



**Support high power charging**

The Sinexcel 80kW DC charger support at maximum 80kW power charging and system can output at maximum 200A current



**Support DC and AC charging simultaneously**

There is an AC charging connector in this DC charger, which realizes the AC charging (22kW) and charges for three EVs at the same time



**High efficiency**

Equipping with high performance power module (SER 100020K2C), the DC charger can output the power greater than 96%



**Small floor space**

The DC charger takes small space, which is friendly for the customer

## Specifications >>>

Category	Item	Parameter
<b>Input Characteristic</b>	Input type	3P+N+PE
	Input voltage	400Vac $\pm 10\%$
	Input frequency	50~60Hz
	THDi	<5%
	Power factor	0.99
<b>Output Characteristic</b>	Output power	80kW DC+22kW AC
	Maximum output current	200A @CCS
	Output voltage	200-1000V
	Connector type	CCS, CHAdeMO, Type 2
	Peak efficiency	96%
<b>Environment &amp; Appearance</b>	Temperature	-25°C~65°C
	Humidity	5%~95%
	Dimensions	2030*850*450mm
	Structure	304 Stainless steel
<b>Others</b>	Payment	RFID/Credit/QR code
	Standby power	<0.1% max power
	Network method	Ethernet/4G
	IP/IK degree	IP55/IK10
	Certification	CE, TUV, UKCA, TR25, RCM