

# SER100040K3B

## 40kW POWER MODULE

### Product Profile >>>

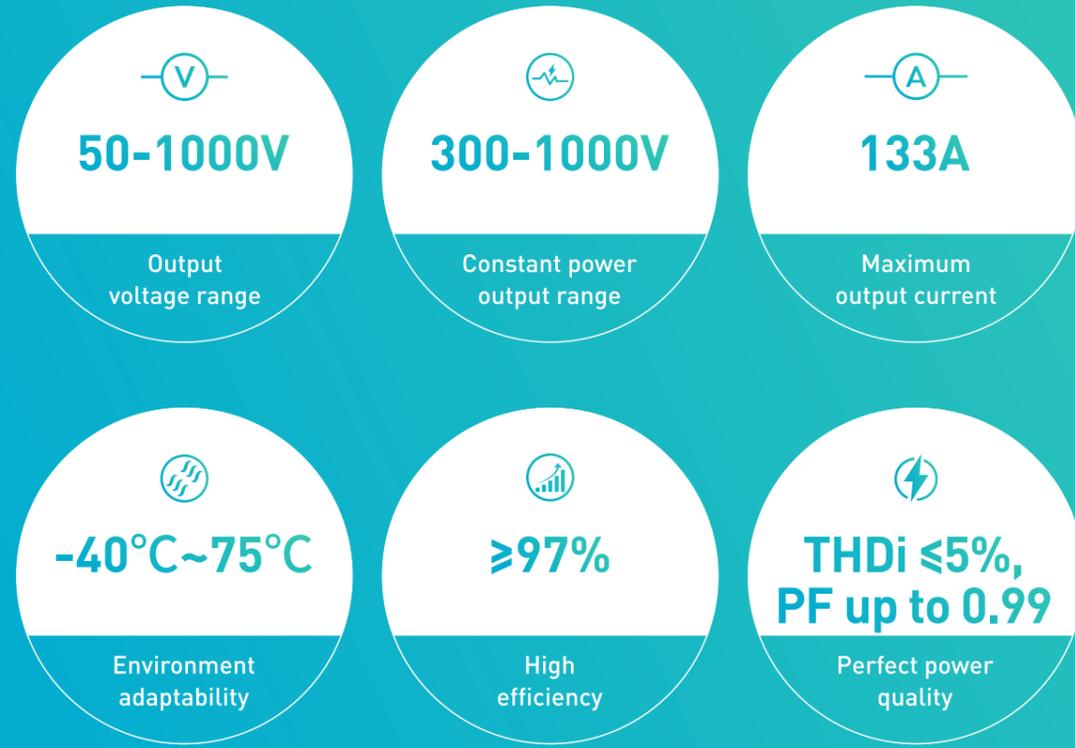
SER100040K3B module adopts three-level LLC technology, which has the advantages: high efficiency 97%, environment adaptability -40°C-75°C, high power density, high reliability, module DC output voltage range is 50-1000Vdc, rated output power is 40 kW. The range of constant power output is 300-1000Vdc.



2022.09

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## Highlights >>>



## Output Curve >>>



## Specifications >>>

	Model	SER100040K3B
<b>Basic indicators</b>	Equipment dimensions	459mm*360mm*85mm
	Weight of equipment	≤20 kg
	Heat dissipation mode	Forced air cooling
<b>Input characteristics</b>	Communications	CAN
	Input voltage	285-525Vac
	Voltage system	three-phase four-wire system
	Input current	≤80A
	Input frequency	45-65 Hz
	Power factor	≥0.99
<b>Output characteristics</b>	Harmonic current	THDi≤5%
	Maximum output power	40kW
	Output voltage	50-1000Vdc
	Output constant power range	300-1000 Vdc
	Maximum output current	133A
<b>Environmental indicators</b>	Peak efficiency	97%
	Altitude	≤2000m
	Working temperature	-40°C-75°C, above 55°C derating
	Working humidity	0-95%

## Efficiency

