WAYTON
ENERGY TECH CO., LTD

SER 20kW Series

Power Module

Everything about profitability and charging experience



Specifications

20kW AC/DC Power Module SER100020K2C		
Environmental conditions	Operating temperature	-30~+70°C derating work above 50°C derating
	cooling method	Air cooled
	Altitude	⩽2000m
	Atmospheric pressure	79kPa~106kPa
	Input system	Three phase + PE
Three-phase AC input	Input rated voltage	380Vac（380V±15%）
	Input voltage range	268~480Vac
	Maximum current	40A
	Input frequency	45~65Hz
	Input surge current	≤110% rated input current
DC output	Output voltage range	200-1000Vdc
	Output current range	0-66.7A

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	Output Power	20kW@380Vac
	Voltage regulation accuracy	≤±0.5%
	Steady current accuracy	≤±1%
	Output voltage ripple factor	≤1%
Features & Performance	Power Factor	≥0.99 @full load output power, nominal input voltage and frequency
	Peak Efficiency	≥96.5% @ Peak efficiency
	THDi	≤5%
	Standby power consumption	≤0.1% output rated power
	Current imbalance	≤±3%
	Size	W (238mm) *D (411mm) *H(86mm)
	Weight	≤10kg
	Protection class	IP20
Communication & Control	Communication	CAN BUS
	Max.modules in parallel	1953 in theory
Certification		CE, KC

Shenzhen Sinexcel Electric Co.,Ltd.
en.sinexcel.com

Address: 6th Building, 2nd District, Baiwangxin High-tech Industry Park, Songbai Road, Nanshan District, Shenzhen.

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