WAYTON
ENERGY TECH CO., LTD

SER 30kW Series

Power Module

CE UL certified

Everything about
profitability and charging
experience



Specifications

30kW AC/DC Power Module		
Environmental conditions	Operating temperature	-40~+75°C derating work above 55°C derating
	cooling method	Air cooled
	Altitude	⩽2000m
	Atmospheric pressure	86kPa~106kPa

Version: V1.5
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Three-phase AC input	Input system	Three phase + PE
	Input rated voltage	380Vac（380V±10%） 480Vac（480V±10%）
	Input voltage range	268~525Vac
	Maximum current	⩽60A
	Input frequency	45~65Hz
	Input surge current	≤110% rated input current
DC output	Output voltage range	50-1000Vdc
	Output current range	0-100A
	Output Power	30kW@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%
	THDi	≤5%
	Standby power consumption	≤0.05% output rated power
	Current imbalance	≤±3%
	Size	W (218mm)*H(84mm)* D (458mm)
	Weight	≤15kg
	Protection class	IP20
Communication & Control	Communication	CAN BUS
Certification		CE UL(cTUVus)

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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