



Highlights

- Optimum power quality performance ᠕
 - Wide operating temperature range
- Wide input voltage range
- \heartsuit **High Efficiency**
- **Robust Protection** \oslash



Module Parameter Table

ltem	Parameter
Dimensions and Module Types	
Module Model	EVC1000-30000C
Dimensions	248 mm (W) × 84 mm (H) × 461.2 mm (D, excluding handle)
Net Weight	Approx. 15 kg
Rated Output	1000V @ 30A
Output Voltage Range	200V ~ 1000V (Constant power from 300V to 1000V, output power 30kW)
Output Current Range	0A ~ 100A (T ≤ 55°C)
DC Output	
Peak to peak noise	≤1%
Stabilized voltage precision	≤±0.5%
Stabilized current precision	\$±1%
Current sharing	\$±3%
Emclency	231 /0 (pcak)
DC input	
Input Voltage Range	550Vdc ~ 950Vdc (full load); 350Vdc ~ 550Vdc (linear derating to 66% load)
Input current	<60A
Input Protection	Fuse; Lightning Protection Circuit
Operation Environment	
Operation temperature	-40°C ~ 55°C normal operation; 55° C ~ 75°C derated output
Storage temperature	-40°C∼75°C
Relative humidity	0~95%
Altitude	Full load output below 2,000m
Product Safety and Reliability	
Dielectric Strength	Input to chassis, output to chassis, input to output: DC 3535V, 1min Input to communication, output to communication: DC 4300V, 1min Communication to chassis: DC 1400V, 1min
MTBF	>120,000 hours
Safety Certification	Complies with IEC61851
Communication and Alarm	
Communication interface CAN	CAN
Maximum parallel connections	60
Output anti-blocking diode fault isolation protection; Output discharging function;	

The alarm and status are reported and monitored via CAN communication port, as well as three LED indicator lights and two buttons on the panel.

* Specifications are subject to change without notice. The final interpretation belongs to Shenzhen Increase International Co., Ltd.