



Charging Module

Three Phase / 40 kW

Refined Component

SiC-based components are used to improve the charging efficiency, reduce size and enhance thermal management

Hot Swapping Technology

Connecting or disconnecting the charging module to the system while in standby will not cause any disturbance to the system

Ultra Wide Constant Power Range

Provide a constant power output from 150 Vdc to 1000 Vdc

Digital Equalization Technology

Advanced digital equalization technology allows automatic current balancing between modules, with a current imbalance of less than $\pm 5\%$ of the rated current

CATEGORY	CR1040
Product Dimension	459 x 360 x 85 mm
Weight	20 kg
Power Supply	L1+L2+L3+PE+N
Rated Power	40 kW
Frequency	45 ~ 65 Hz
Input Voltage	260 ~ 525 Vac
Output Voltage	150 ~ 1000 Vdc
Current Range	0.5 ~ 133 A
Efficiency	Max 96.5%
THD	≤ 5% (100% load)
Power Factor	≥ 0.99 (50% ~ 100% load)
Ripple Factor	≤ ±1%
Noise Emission	≤ 65dB
EMC Compliance	Class B
Working Temperature	"-30°C~ +75°C (full power output below 55°C; power derates above 55°C; system will shutdown above 75°C)"
Standby Power	6 W

