

Model	EVP700-180C/20000C-OC-AG2S (Dual Connectors, Equal Power Sharing)	EVP700-180/20000C-OC-AG1 (Single Connector)
Mechanical		
Module Configuration Model	EVC700-20000C	EVC700-20000C
Configured Module Quantity	6	6
Cooling Method	Forced air cooling	Forced air cooling
Enclosure Dimensions (W×D×H)	650×400×1700 mm	650×400×1700 mm
Electrical		
Input Voltage	700 Vdc / 600 Vdc	700 Vdc / 600 Vdc
Input Voltage Range	600 ~ 800 Vdc (full load), 200 ~ 600 Vdc (Linear derating)	600 ~ 800 Vdc (full load), 200 ~ 600 Vdc (Linear derating)
DC Output Voltage	200 ~ 750 Vdc	200 ~ 750 Vdc
Rated Output Current	180 A	180 A
Maximum Output Power	120 kW	120 kW
Current Limit Adjustable Range	10% ~ 110% stepless adjustable	10% ~ 110% stepless adjustable
Peak-to-Peak Noise	≤ ±0.5%	≤ ±0.5%
Voltage Regulation Accuracy	≤ ±0.5%	≤ ±0.5%
Current Regulation Accuracy	≤ ±1%	≤ ±1%
Current Sharing Accuracy	≤ ±5%	≤ ±5%
System Efficiency	≥ 95%	≥ 95%
Operating Environment		
Noise Level	≤ 60 dB	≤ 60 dB
Monitoring Communication		
Communication Interface	CAN, RS485, Ethernet	CAN, RS485, Ethernet
Safety Protection		
Ingress Protection Rating	IP54	IP54
Communication Interface	CAN, RS485, Ethernet	CAN, RS485, Ethernet