

Smart Rapid Shutdown Device

AMCL Series



Multiple shutdown options to prevent fire accident

1V

1V shutdown voltage to ensure DC side safety



Module-level monitoring to easily locate faulty parts



Maximum communication distance: 800m to meet various application



Flexible installation method, with clip and bolt installation options



Firmware remote OTA upgrade to continuously improve user experience

Model	AMCL-A2	AMCL-B2	AMCL-C2
Input Parameters			
Voltage Range	8-80V Single-channel, 120V Dual-channel		
Maximum Input Current	15A	20A	25A
Maximum Short-Circuit Current	30A		
Output Parameters			
Voltage Range	8-120V		
Maximum System Voltage	600/1000/1500V		
Maximum Output Current	15A	20A	25A
Maximum Voltage in Disconnect State	1V		
Structure Parameters			
Dimensions (W*D*H)	180*23*70mm		
Input/Output Connectors	MC4/Compatible with MC4/Customizable		
Input Cable Length	0.6m/1.5m/Customizable		
Output Cable Length	1.4m/Customizable		
Ingress Protection Rating	Type 6P/IP68		
Environment Parameters			
Temperature Range	-40°C~+85°C		
Relative Humidity Range	0~100%		
Other Parameters			
Communication Method	HPLC		
User Interface	WEB+APP		
Certification			
Safety	NEC 2017&2020(690.12), UL 1741, UL 3741, IEC 62109-1		
EMC	FCC Part15, IEC/EN 61000-6-1/-2/-3/-4		

