



Overview

Suitable for household and industrial and commercial photovoltaic power generation systems;
 Maximum suitable for 6kW single-phase photovoltaic power generation system;
 Maximum applicable to 20kW three-phase photovoltaic power generation system;
 Meet customer's customized needs.

Model	Grid type	Maximum system power	Optional
MDDB-1	Single-phase grid	6kW	1. Electric energy meter 2. AC fuses 3. Over-under voltage protection device 4. Others
MDDB-2	Three-phase grid	20kW	

Technical Parameters

Model	MDDB-1	MDDB-2
Basic parameters		
Rated voltage	220/230/240V AC	380/400/415V AC
Rated current	16A	32A
Rated frequency	50/60Hz	
Enclosure		
Cabinet material	PC/ABS/Stainless steel (optional)	
Foreign body protection level	IP65	
Collision protection level	IK10	
Dimensions (W*H*D)	Customized	
AC input port	PG25, 2.5 to 10mm ²	
AC output port	PG25, 2.5 to 10mm ²	

Technical Parameters		
Model	MDDB-1	MDDB-2
AC circuit breaker		
Circuit breaker type	1P / 2P	3P / 4P
Rated current	50 A	50 A
Rated voltage	220 / 230 / 240V AC	380 / 400 / 415V AC
Rated frequency	50 / 60 Hz	
AC surge protection		
Rated voltage	230V AC	400V AC
Maximum discharge current	40 kA	
Executive Standard	IEC/EN 61643-11	
Certification	CE	
Environmental parameters		
Operating temperature	-20°C to +60°C	
Humidity	99%	
Altitude	2000 m	
Installation method	Wall-mounted installation	
Optional function		
Meter	Optional	
AC fuses	Optional	
Overvoltage protection device	Optional	
AC leakage protector	Optional	

Diagram

