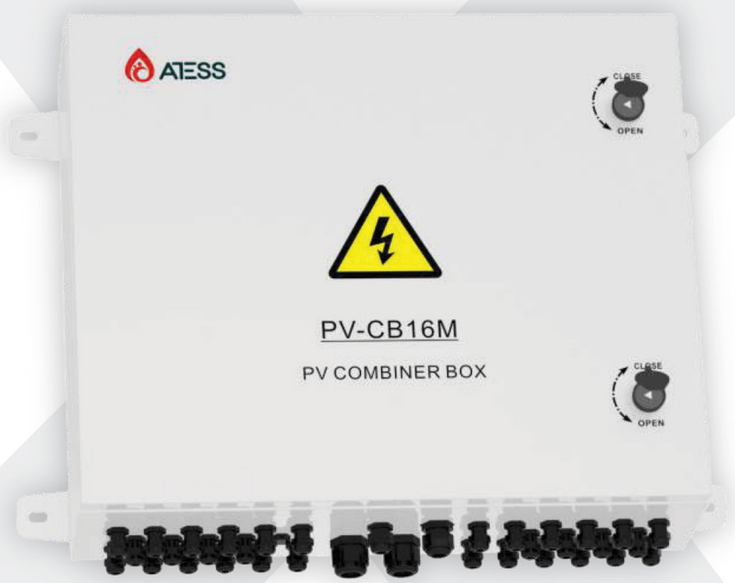
PV-CB8M / PV-CB16M



- PV combiner box is an accessory for multiple PV strings connection, it is with smart controller inbuilt for monitoring, along with comprehensive protections including fuse and SPD
- Lightning protection
- IP65 environment compatibility
- RS485 communication interface
- Optional string monitoring function
- Flexible design, 8, 16 inputs optional
- Input fuse for over current protection

	PV-CB8M	PV-CB16M
Input DC		
Max. input voltage	1000V	
Max. string Isc	15A	
Number of input string	8	16
Input fuse	1 on negative and positive pole of each string, 25A, 10*38mm	
Input cable gland	4mm-8mm cable diameter	
Input cable terminal	$4mm^2$-$6mm^2$	
Output DC		
Number of output	1	
Max. output current	120A	240A
Output breaker	200A	250A
Output cable terminal	$50mm^2$	$95mm^2$
Output cable gland	13mm-18mm cable diameter	16mm-21mm cable diameter
General Information		
Dimension (W/H/D)	700/640/192mm	
Weight	25kg	
Enclosure material	Galvanized steel	
Protection degree	IP65	
Operating temperature	-25°C~55°C	
Humidity	0~99%	
Altitude	2000m without derating	
Lightning protection	Type II	
Cooling	Natural convection	
Mounting	Wall-mount	
Monitoring	String current, string voltage, breaker status, surge arrestor status, internal temperature	
Power supply	DC300V~1000V	
Power consumption	14W	
Communication	RS485	

