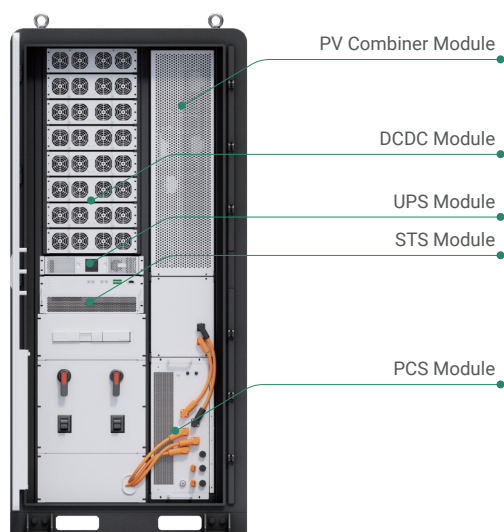
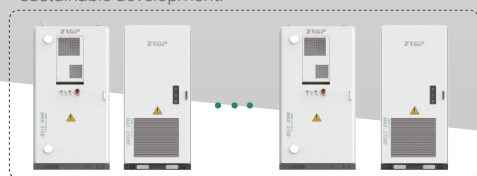


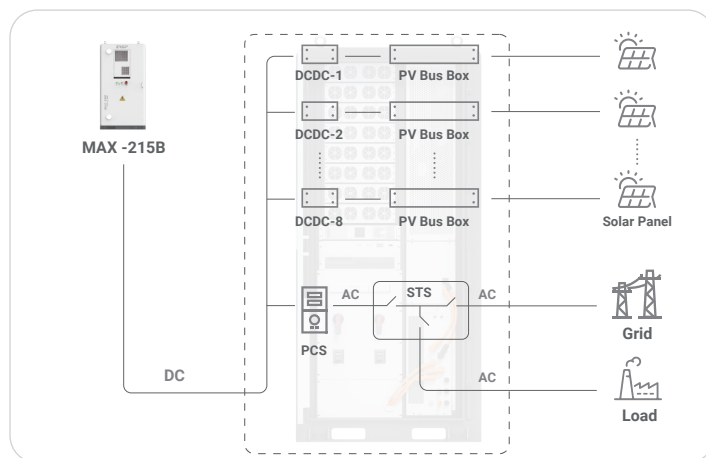
# PowerTrans MAX-215BE

## Intelligent EMS Cabinet (for MAX-215B)

The MAX-215BE intelligent EMS cabinet is specifically designed for the MAX-215B, seamlessly integrating PCS, DCDC, and STS modules into a cohesive energy management system. With cutting-edge EMS technology, it enables real-time monitoring and optimization of energy flow, significantly enhancing system stability and efficiency. The MAX-215BE ensures reliable energy storage, conversion, and intelligent scheduling, making it suitable for a wide range of applications. This solution is perfect for boosting energy efficiency and promoting sustainable development.



## System Layout



## Application Scenario



## ■ Main Parameters

PV Input	FOR US PTM107EMCA0-US	FOR EU PTM107EMCA0-EU
Rated Power (kW)		240
Input Voltage(Vdc)		300~825
The Max. Static Voltage Borneunder No Operation(Vdc)		900
Rated Voltage(Vdc)		700
Standby Power Consumption	<14W*8 @700Vdc with normal sandby mode / <4W*8 @700Vdc with super sandby mode	
Max. Input Current(Adc)		50*8
Number of MPPT		8
No. of PV Strings per MPP Trackers		4
<b>Battery Input</b>		
DC Input (Vdc)	1500	/
DC Voltage Range (Vdc)	720~1300	/
Max. DC Current (A)	195	/
Auto Buffering Function	Yes	/
DC Breaker	No	/
<b>AC Output</b>		
Rated Grid Voltage (Vac)	480 / 3P3W	480 / 3P3W
Max. Continuous Input Current (Aac)	165.4	165.4
Rated Frequence (Hz)	60	50/60
Rated Power (kW)	107	107
Power Factor	>0.99(at rated power)	>0.99(at rated power)
Adjustable Power Factor	-1~1	-1~1
THDi	<3%(at rated power)	<3%(at rated power)
Overload Capacity	110%	120%
Integrated STS	NO	Yes(≤10mS)
<b>System Characteristic</b>		
Warranty	3 years free, paid from the 4th to the 15th year	3 years free, paid from the 4th to the 15th year
Certification(PCS)	UL1741, CSA C22.2 No 107.1, IEEE1547	EN50549
Certification(MPPT)	UL2202	EN61851
<b>General Parameters</b>		
Dimensions (W*D*H)	1100*1200*2350mm / 43.3*47.2*92.5in	
Total Weight	800kg / 1763.7lb	
Cooling	Intelligent Air-cooling	
Operation Altitude	2000m / 6561ft	
Noise Level @1m	<75 dB(A)	
IP Rating	IP54	
Operating Temperature	-35°C ~ 60°C	
Operating Humidity (RH)	0 ~ 95%	

## ■ Packaging & Shipping Details

