

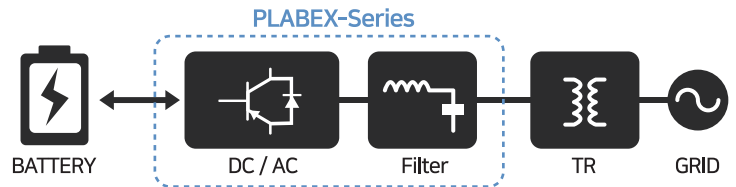
Energy Storage System PCS : **PLABEX-2.01MH1/2.3MH2**

PLABEX-Series, Made it for
Energy Storage System(ESS)



PLABEX-2.01MH1/PLABEX-2.3MH2

- 국내 최소사이즈
- 단위 용량 500kW PEBB
- 20년 이상의 수명설계에 따른 높은 신뢰성
- Efficiency 98% (최신 IGBT 적용)
- 낮은 THD (최신 제어기술 적용)
- FRT / 무효전력제어
- Modbus TCP/RTU, CAN 등 다양한 인터페이스
- 간결하고 명확한 7인치 화면의 HMI



Model	PLABEX-2.01MH1	PLABEX-2.3MH2
Input (DC)		
Max. DC Power [kW]	2111	2415
Max. DC Voltage [V]	ⓘ 1300	ⓘ 1500
Max. DC Current [A]	2307	2257
DC Voltage Range [Vdc]	915 ~ 1300	1070 ~ 1500
Output (AC)		
Rated AC Power [kW]	2010	2300
AC Voltage Range [V]	580±10%	690±10%
Max. AC Current [A]	2001	1925
Frequency [Hz]	60	
Current Harmonic [%]	Total<5 / Each<3	
Power Factor	≥0.99	
Grid Structure	3P3W (IT,TT)	
General Data		
Max. Efficiency [%]	ⓘ 98.85	ⓘ 98.93
Cooling Principle	Forced Air Cooling	
Operating Temperature [°C]	- 20 ~ + 50°C	
Dimensions (W/D/H) [mm]	3600 * 1220 * 2250	
Weight [kg]	ⓘ 3000	ⓘ 3000
IP Level	IP54	IP54
Communication	Ethernet (TCP/IP), CAN, RS-232/485	
Protection	OV, UV, OFR, OC, SC, etc.	
Standard	KS C 8565 : 2016 / EMC EN61000-6-2 / EN61000-6-4	