

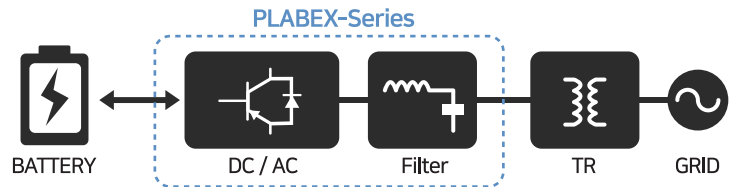
# Energy Storage System PCS : **PLABEX-H2.01M/PLABEX-2.3MH1**

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



PLABEX-H2.01M / PLABEX-2.3MH1

- 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-H2.01M	PLABEX-2.3MH1
<b>Input (DC)</b>		
Max. DC Power [kW]	2111	2415
Max. DC Voltage [V]	1100	1300
Max. DC Current [A]	2815	2639
DC Voltage Range [Vdc]	750 ~ 1100	915 ~ 1300
<b>Output (AC)</b>		
Rated AC Power [kW]	2010	2300
AC Voltage Range [V]	440 ±10%	580 ±10%
Max. AC Current [A]	2638	2290
Frequency [Hz]	60	
Current Harmonic [%]	Total<5 / Each<3	
Power Factor	≥0.99	
Grid Structure	3P3W (IT,TT)	
<b>General Data</b>		
Max. Efficiency [%]	98.71	98.80
Cooling Principle	Forced Air Cooling	
Operating Temperature [°C]	- 20 ~ + 50°C	
Dimensions (W/D/H) [mm]	3800 * 1020 * 2400	
Weight [kg]	3800	3800
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	