

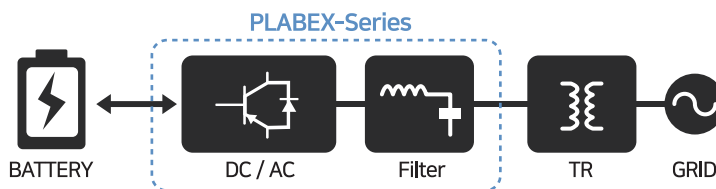
# Energy Storage System PCS : **PLABEX-2.01MH1/2.3MH2**

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



**PLABEX-2.01MH1/PLABEX-2.3MH2**

- Minimum size In domestic
- Unit Capacity 500kW PEBB
- High reliability based on 20+ years of design
- Efficiency 98%(latest IGBT application)
- Low THD (the latest control technology)
- FRT /Invalid power control
- Modbus TCP/RTU, CAN, etc. various interfaces
- Simple and clear 7-inch screen HMI



Model	PLABEX-2.01MH1	PLABEX-2.3MH2
<b>Input (DC)</b>		
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
<b>Output (AC)</b>		
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)	
<b>General Data</b>		
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	