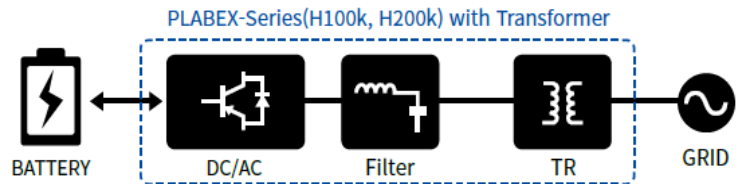


# Energy Storage System PCS : *PLABEX-H100k*

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



- Transformer type
- 20년 이상의 수명 설계에 따른 높은 신뢰성
- Efficiency 98% (최신 IGBT 적용)
- 낮은 THD (최신 제어기술 적용)
- FRT / 무효전력제어
- Black start / 비상발전
- Peak cut / Load shift
- Modbus TCP/RTU, CAN 등 다양한 인터페이스
- 간결하고 명확한 7인치 화면의 HMI



Model	PLABEX-H100k
<b>Input (DC)</b>	
Norminal. Input power [kW]	105
Max. Input voltage [Vdc]	1050
Max. Input current [Adc]	150
DC Voltage range [Vdc]	700 ~ 1000
<b>Output (AC)</b>	
Norminal [kW]	100
Nominal output current [Aac]	152
Output voltage [Vac, ±10%]	380 (3P4W)
Frequency [Hz]	60
Current harmonic [%]	Total <5 / Each <3
Power factor	≥0.99
Grid structure	IT, TN, TT
Max. efficiency [%]	≥96.0
Dimensions (W/D/H) [mm]	1300 * 750 * 1200
Weight [kg]	about 850
<b>General data</b>	
Cooling principle	Forced Air Cooling
Relative humidity [%]	<95
Altitude above sea level [m]	<2,000
Grand fault monitoring	Yes
IP level	≥20
Communication	Ethernet(TCP/IP), CAN, RS-232/485
Protection	UV, UV, OT, OC, SC, etc. DC-Switch, DC fuse, DC MCCB, AC MCCB, GFD(Optional), etc
Standard	SGSF-04-2012-07 / EMC CISPR11 : 2011, EN61000-4-2, 4, 6, 11 / IEEE1547