

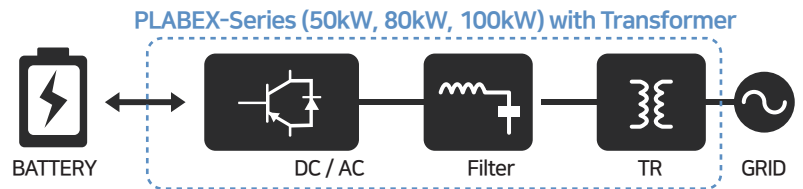
Energy Storage System PCS : **PLABEX-80K**

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



PLABEX-80K

- Transformer type
- High reliability based on 20+ years of design
- Efficiency 98%(latest IGBT application)
- Low THD (the latest control technology)
- FRT /Invalid power control
- Black cut / Emergency generation
- Peak cut / Load shift
- Modbus TCP/RTU, CAN, etc. various interfaces
- Simple and clear 7-inch screen HMI



Model	PLABEX-80K
Input (DC)	
Normal. Input power [kW]	84
Max. Input voltage [Vdc]	1000
Max. Input current [A _{dc}]	134
DC Voltage range [Vdc]	630 ~ 850
Output (AC)	
Normal [kW]	80
Nominal output current [A _{ac}]	122
Output voltage [Vac, ±10%]	380 (3P4W)
Frequency [Hz]	60
Current Harmonic [%]	Total<5 / Each<3
Power Factor	≥0.99
Grid Structure	IT, TN, TT
General Data	
Cooling principle	Forced Air Cooling
Relative humidity [%]	<95
Altitude above sea level [m]	<2000
Grand fault monitoring	Yes
IP level	54
Communication	Ethernet(TCP/IP), CAN, RS-232/485
Protection	UV, UV, OT, OC, SC, etc. DC MCCB, AC MCCB, GFD(Optional), etc
Standard	SGSF-04-2012-07 / EMC CISPR11 : 2011, EN61000-4-2, 4, 6, 11 / IEE1547
Max. efficiency [%]	97.26
Dimensions (W/D/H) [mm]	1305 * 1247 * 1120
Weight [kg]	850