

Bss

BSS-10K-LP1-IP65



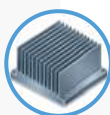
Optional Customization Types



**IP65
WATERPROOF**



**EQUIP WIFI
MONITORING SOFTWARE**

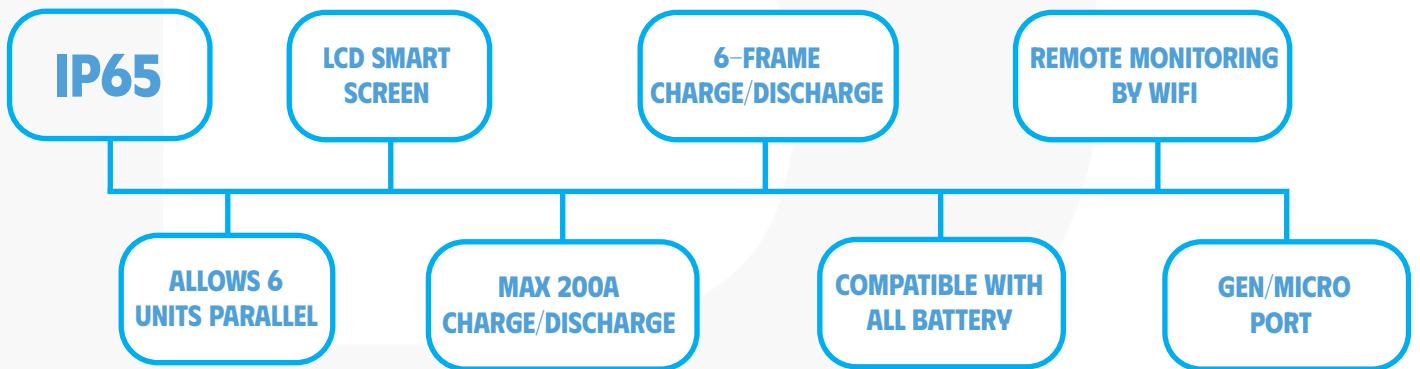
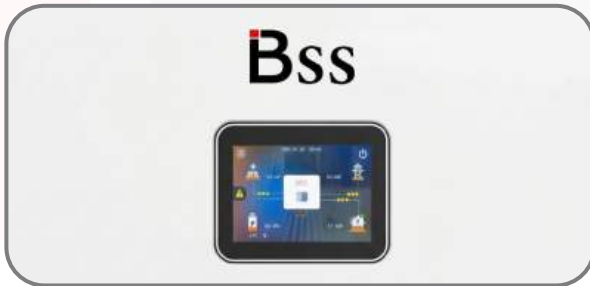


**SOLID ALUMINUM
HEATSINK**

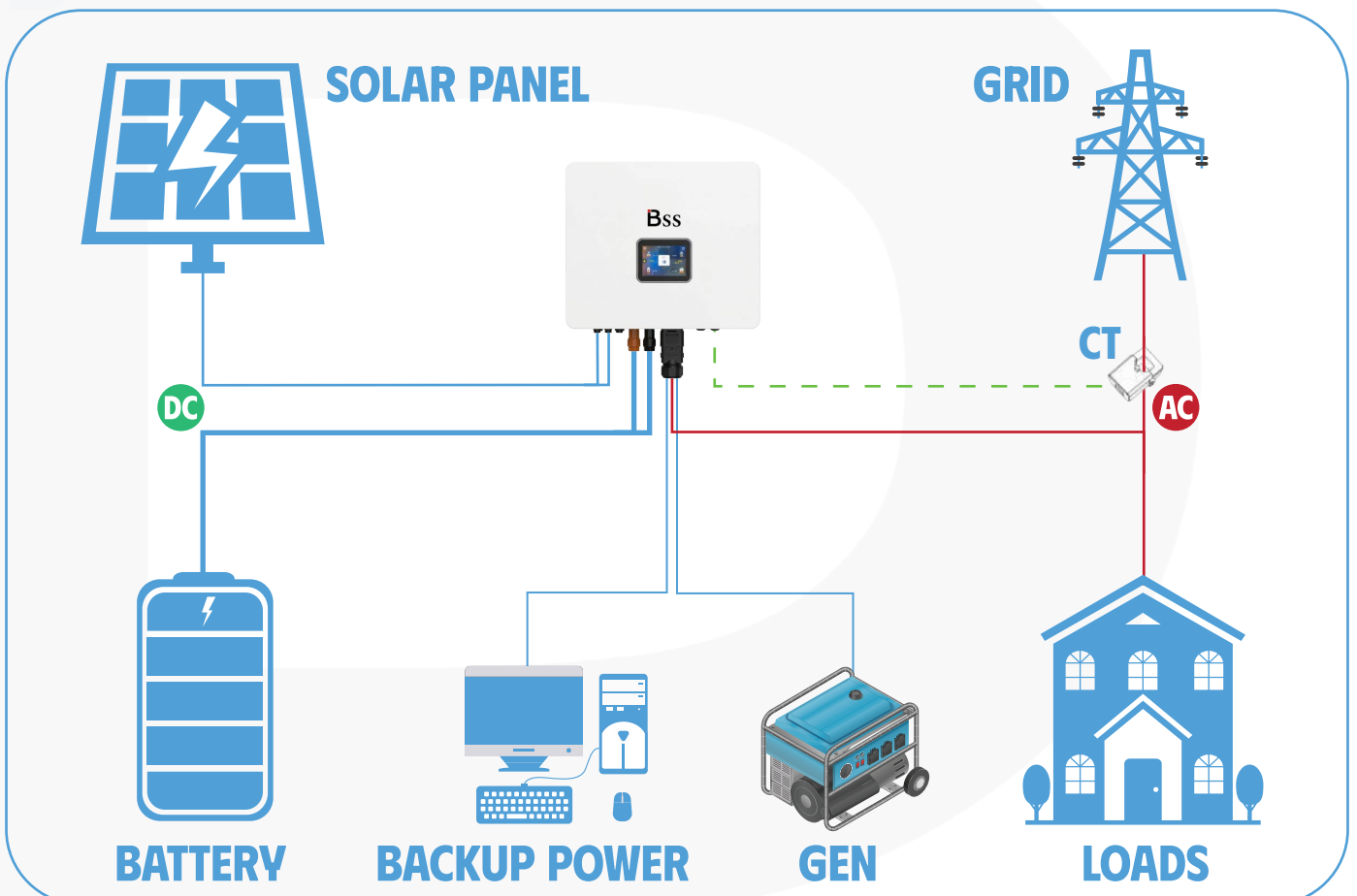


**LCD DISPLAY
WITH COLOR**

Product Details



System Diagram



Product Data Sheet

Hybrid Energy Storage Inverter		BSS-10K-LP1-IP65
PV Input Parameter		
Max PV Input Power		20KWp
Max PV Input Voltage		550V
Mppt Voltage Range		100-430V
Number MPPT/String		2 MPPT / 2 String + 1 String
Max Input Current Per String		16A / 16A + 16A
Max DC - DC power		15KWp
AC Input/Output Parameter		
AC Input/Output Voltage		230V
AC Frequency(Optional)		50/60Hz
AC Input/Output Rated Current		43.5 A
Grid Type		L + N + PE
AC Input/Output Rated Power		10 KW
Power Factor Range		0.8ind...0.8cap
Battery Parameter		
Battery Type:	LEAD-ACID or Lithium	
Battery Voltage Range		40-58V
Max Charging/Discharging Current		200A/200A
Protection Class		I
System		
Ingress Protection		IP65
Dimensions(W*D*H)		486*231*530mm
Weight		25.8 Kg
Max Efficiency		97.4%
Protection		
Island protection		Yes
Insulation resistor detection		Yes
PV input reverse protection		Yes
Output over current protection		Yes
Output short protection		Yes
Output over voltage protection		Yes
Output under voltage protection		Yes
AC/DC surge protection		Yes (DC Type III / AC Type III)
Safety/standard/Certification	ENIEC 61000-6-1:2019, EN IEC 61000-6-3:2021; EN 62109-1:2010; EN 62109-2:2011	