

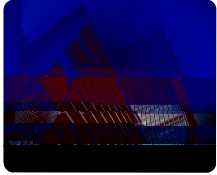


工商业储能系统

L & C Energy Storage



380/400V



MPPT

MPPT

99.9%

UPS
100%

≤ 10ms

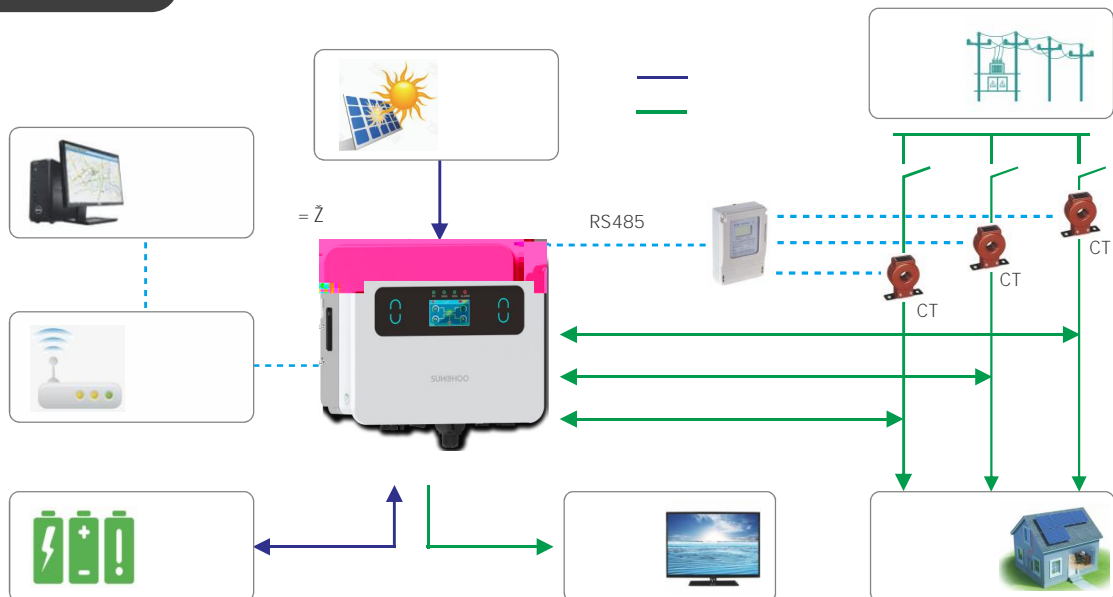
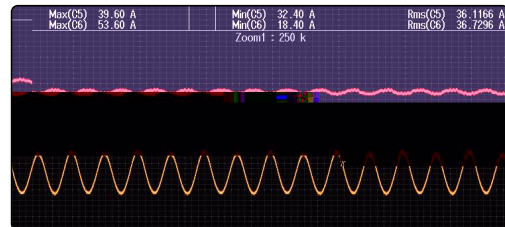
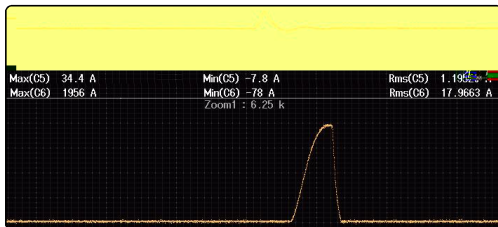
4G WIFI GPRS
IP66

24



4.3 65K

15





INDUSTRIAL & COMMERCIAL ENERGY STORAGE SYSTEM

THREE-PHASE INDUSTRIAL HYBRID SOLAR INVERTER

Application Scenarios

light commercial three-phase hybrid
applicable to newly installed or pre-existing
storage system, AC 380V/400V

Comp
closing

Application System

HB 3



Product Data Sheet

MODEL	HB3200EH800	HB3300EH800	HB3350EH800	HB3400EH800	HB3500EH800
PV Input					
Max PV Input Power	28kW	42kW	52kW	56kW	65kW
Max PV Input Voltage	1000Vdc				
PV Input Starting Voltage	180Vdc				
MPPT Input Voltage	150-850Vdc				
MPPT Full Load Voltage Range	300-850Vdc	360-850Vdc	420-850Vdc	420-850Vdc	450-850Vdc
PV Max Input Current	40A+40A+40A			40A+40A+40A+40A	
PV Short-circuit Current	60A+60A+60A			60A+60A+60A+60A	
Number of MPPT / Strings Per MPPT	3/2+2+2			4/2+2+2+2	
AC Output					
Rated Output Voltage	220/380Vac, 230/400Vac				
Output Frequency Range	50/60Hz(±5) Intelligent adaptive/Settable				
Rated Output Current	30.4/29A	45.5/43.5A	53.1/50.8A	60.7/58A	75.8/72.5A
Max Grid-connected Current	43.3/31.9A	50/47.9A	58.4/55.8A	66.7/63.8A	83.4/79.8A
Rated Grid-connected Power	20kW	30kW	35kW	40kW	50kW
Max Grid-connected Viewing Power	22kVA	33kVA	35VA	40kVA	55kVA
Max Grid-connected Active Power	20kW	30kW	35kW	40kW	50kW
DC Component	0.5% In				
Grid Type	Three-phase 3L+N+PE				
Output Power Factor(cos)	0.99 @ Rated power Adjustable 0.8 leading-0.8 lagging				
THDi	3%				
THDu	2%(Linear load)				
Transfer Time	10ms(Typical value)				
Off-grid Overload Capability	<110%Long-term work 110%-120% 1min , >120% 10S				
Battery Input					
Battery Type	Lead-acid, lithium batteries, gel batteries, etc				
Charging Mode	3-section Type/Equilibrium/Self-adaption BMS				
Battery Voltage	160-800V				
Max Discharge Current	50A+50A				
Max Charging Current	50A+50A				
Max Charge/Discharge Power	2				
Efficiency					
Max PV Conversion Efficiency	97.6%				
European Efficiency	97.0%				
PV Charging Efficiency	98.5%				
Max Battery Charging/Discharging Efficiency	97.5%				
General Parameters					
Display	Touch Screen+LED				
Communication Mode	Standard RS485/CAN/DRM Optional 4G/WIFI/GPRS/Temperature compensation module				
Island Protection	Yes				
AC Output Overcurrent Protection	Yes				
AC Short Circuit Protection	Yes				
DC Reverse Connection Protection	Yes				
Integrated AFCI (DC arc fault protection)	Optional				
Surge Protection	DC Type II / AC Type III				
Noise (dB)	65				
Cooling	Intelligent forced air cooling				
Operating Ambient Temperature	-25°C ~ 60°C(45 Derating)				
Humidity	0-100%				
Altitude	4000m (>2000m Derating)				
Electricity Consumption At Night	25W				
Protection Degree	IP66				
Installation Method	Wall-mounted				
Dimension. W*D*H(mm)	527*294*987				
Weight (kg)	75				
Warranty	5 years standard/10 years optional				

Specifications are subject to change without advance notice.