

ALL-IN-ONE ESS

ComboX-3HS



IP65 Rated

Designed for both indoor and outdoor application



Integrated Design

Battery and inverter are pre-configured for best compatibility



Safe and Reliable

Brand new A-Grade LFP cell
Various automatic protection functions



Easy to Install

Plug-and-Play
save onsite installation time



Remote Control

Remote monitor of operation status
Alert pops up on APP if any problem occurs

PARAMETERS	ComboX-3HS-6kW	ComboX-3HS-8kW	ComboX-3HS-10kW	ComboX-3HS-12kW
PV Input				
Max.PV input power	9000W	12000W	15000W	15000W
Max. input voltage	1000Vd.c			
Rated input voltage	720Vd.c			
MPPT voltage range	200~950Vd.c.			
Max. input current	14/14Ad.c.	14/14Ad.c.	14/28Ad.c.	14/28Ad.c.
MPPT number	2			
No of PV strings MPPT A/MPPT B	1/1	1/1	1/2	1/2
AC Output				
Rated Output Power	6000W	8000W	10000W	12000W
Max continuous output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated AC voltage	230V/400Va.c.,3L+N+PE			
Rated grid frequency	50/60Hz			
Power factor	>0.99(0.8 leading-0.8 lagging)			
THDi@rated power	<3%			
EPS output				
Rated output power	6000W	8000W	10000W	12000W
Max. output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated voltage	230/400Va.c.,3L/N/PE			
Rated frequency	50/60Hz			
Output THDu@Linear Load	<3%			
Battery				
Battery type	Lithium-ion			
Scalability	2~5 pcs in series			
Nominal Voltage	96Vd.c.			
Nominal Capacity	4800Wh			
Charge Temperature	0°C~50°C			
Discharge Temperature	-15°C~50°C			
Recommended charge/discharge current	25Ad.c.			
Max. charge/discharge current	50/50Ad.c.			
Cycle Life	>6,000 ^[1]			
Protection				
Grid monitoring	Yes			
PV insulation resistance detection	Yes			
DC reverse polarity protection	Yes			
AC short-circuit protection	Yes			
AC over-current protection	Yes			
AC over-voltage protection	Yes			
Leakage current monitoring	Yes			
DC switch(solar)	Yes			
DC over voltage protection(Battery)	Yes			
Surge protection	DC Type II/AC Type III			
Anti-islanding protection	Yes			
General information				
Dimensions(W*H*D)	620*(979+N ^[2] *210)*400 mm			
Weight	77.6+N*56 kg			
Topology	Transformerless			
Ingress protection	IP65			
Cooling Method	Natural Convection			
Max.operating altitude	2000m			
Acoustic Noise	<40dB			
Display	LCD, APP			
Communication	CAN/WiFi			
Safety/EMC standard	IEC/EN 62109-1/-2, VDE 2510-50, VDE 2510-2, IEC/EN 61000-6-1/-3, CE/UN38.3/IEC62619			
On-grid standard	VDE-AR-N 4105, VDE 0124-100, EN 50549-1, EN 50549-10			

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

[2] Number of battery/batteries

