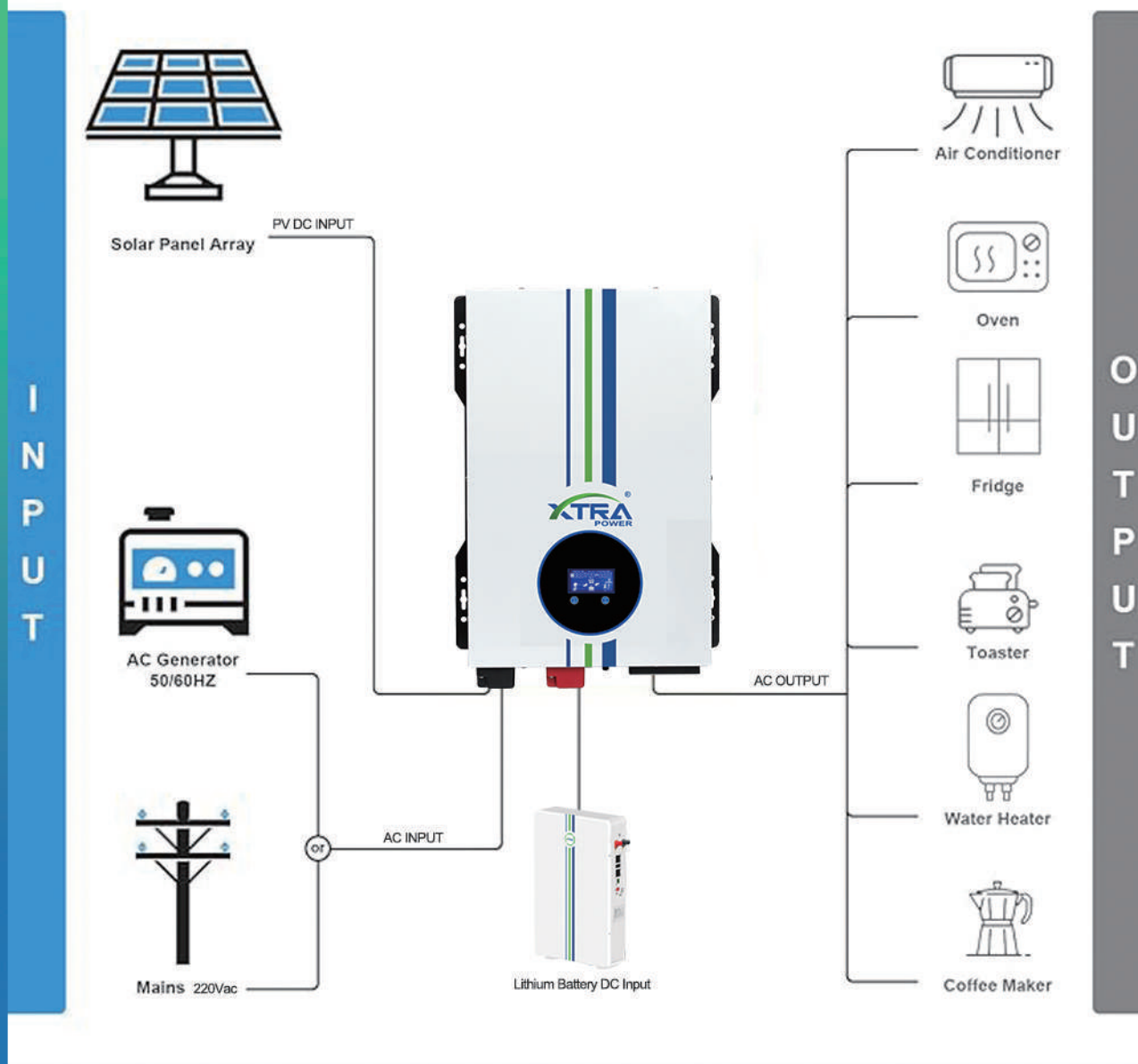
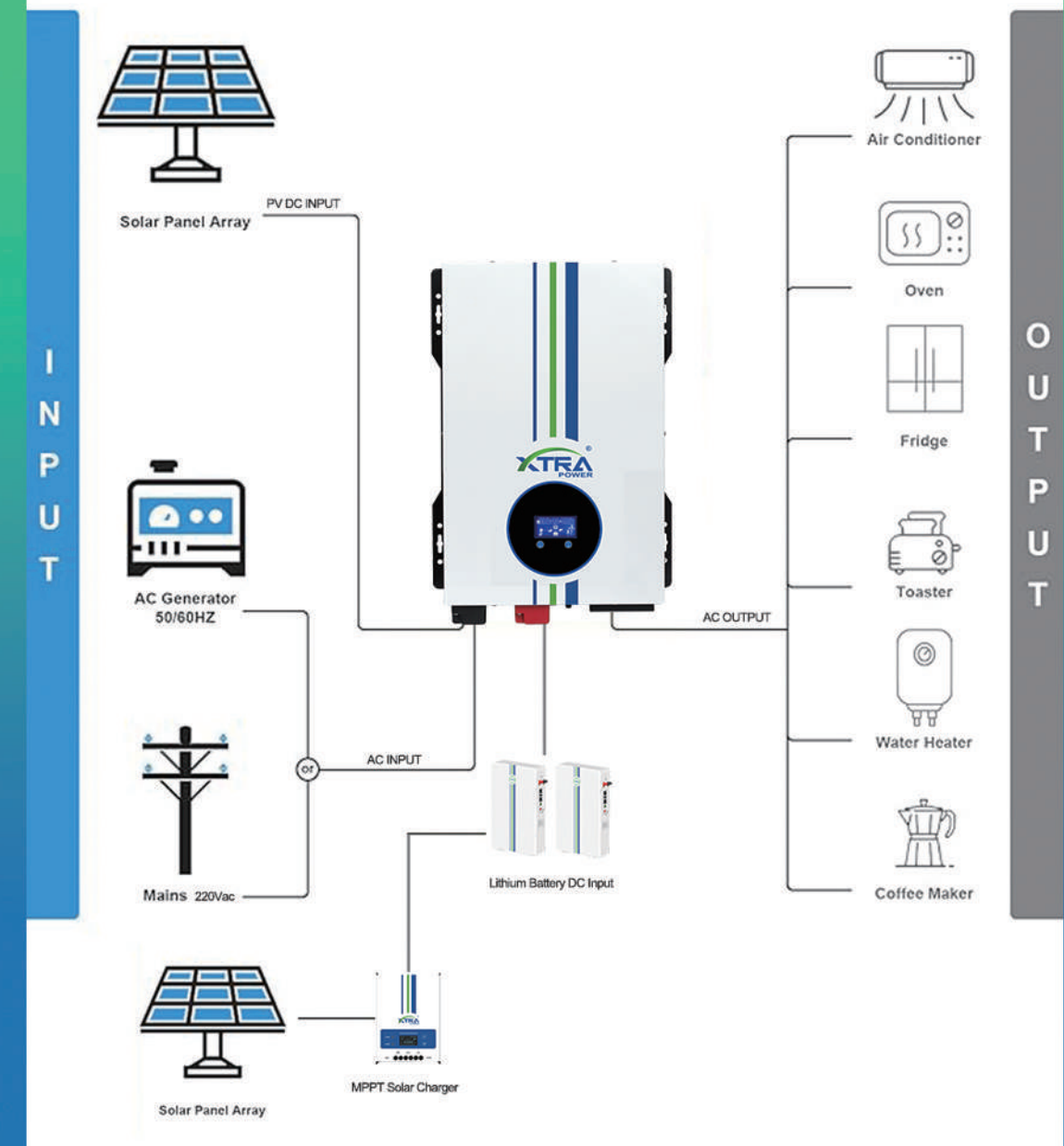


HOME SOLUTION 4-36KW HYBRID OFF GRID SPECIALIZED FOR AFRICA MARKET

Hybrid Off Grid Solution



More Batteries and PV scale by External Mppt charger solution



HYBRID OFF GRID INVERTER

XTLFH4000-6000 PRO



1

Rated power 4KW/6KW
With low frequency transformer, stronger for sensitive load

2

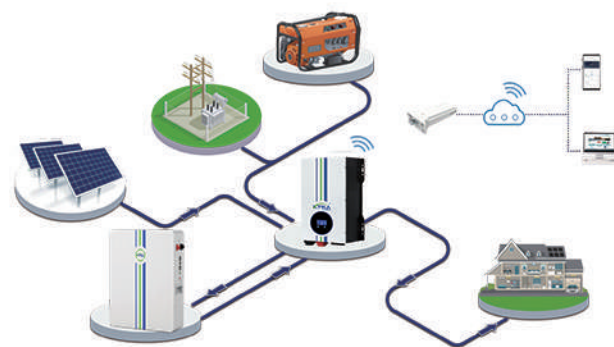
Built-in 250VDC MPPT solar charge controller Max. 300Vdc
High conversion efficiency up to 93.5%

3

WiFi/GPRS remote monitoring
Lithium battery communication plug and play

4

Parallel operation up to 6 units



XTRA POWER LF SERIES HYBRID OFF GRID INVERTER

Model No.	XTLFH4000-PRO	XTLFH6000-PRO
Inverter AC Output		
Output power (continuous) up to 40°C	4000 W / 4000 VA	6000 W / 6000 VA
Overload 15 min / 30s - 60s at 25°C	5000 W / 6000 W	7500 W / 9000 W
Surge rating for 10s	35 A	52 A
Maximum output current 30s - 60s (rms)	26 A	39 A
Output current (continuous) at 40°C	17.4 A	26.1 A
Output frequency	50/60 Hz (±0.3 Hz)	50/60 Hz (±0.3 Hz)
Output voltage	L-N: 230 V +/- 10%	L-N: 230 V +/- 10%
Output voltage waveform	Sinewave	Sinewave
Idle consumption	<25 W	<25 W
Input DC voltage range	40 V - 64 V (48 V nominal)	40 V - 64 V (48 V nominal)
Maximum input DC current	125 A	188 A
Motor load*	Up to 3HP	Up to 4HP
Scalability	Up to 6 inverters in parallel, 1-Ph, 230 V	Up to 6 inverters in parallel, 1-Ph, 230 V

MPPT Charger DC Output

Maximum output charge current	60 A	60 A
Maximum output power	3000 W	3000 W
Output charge voltage range	40 V - 62.8 V (48 V nominal)	40 V - 62.8 V (48 V nominal)
Charge control	Three stage (Lead) and two stage (LFP)	Three stage (Lead) and two stage (LFP)
Compatible battery types	Flooded, Gel, AGM, LiFePo4	Flooded, Gel, AGM, LiFePo4
PV input voltage range (Vmp)	80 V - 230 V DC	80 V - 230 V DC
Max PV array open circuit voltage (Voc)	250 V DC	250 V DC
Max PV withstanding voltage	300 V DC	300 V DC
PV Input maximum Power (Wp)	3200 W	3200 W
Tracking efficiency	99%	99%

AC Charger DC Output

Maximum output charge current	35 A	50 A
Output charge voltage range	40 V - 62.8 V (48 V nominal)	40 V - 62.8 V (48 V nominal)
Charge control	Three stage (Lead) and two stage (LFP)	Three stage (Lead) and two stage (LFP)

AC Input

AC input voltage range	L-N: 165 - 265 V
Frequency	50 Hz/ 60 Hz (Auto detection)

General Data

Operating Temperature Range (°C)	-15 °C to 40 °C	
Relative Humidity (%)	5% to 95% RH	
Operating Altitude (m)	< = 2000m	
Cooling	Smart Air Cooling	
Weight (kg)	28Kgs	31Kgs
Size (W/H/D) (mm)	563.5 x 264 x 183.3	608.5 x 264 x 183
Installation	Wallmount	
Protection Degree	IP20	

Standards

Safety Certification	IEC 62109-1, IEC 62109-2
EMC	IEC 62040-2

XTRA POWER LiFePO4

BATTERY MODULE- QUASAR LITE SEREIS









Based on LIFEPO4 battery cells, equipped with high-performance BMS to effectively manage the batteries cells, compared with traditional batteries, it has a wider range of performance and application advantages, high cycle times, long service life, and is suitable for daily charge and discharge Application scenarios.

Multiple protection: short circuit protection, overcharge protection, over discharge protection, over current protection, equalization, etc.

Based on industry application requirements, the products are uniquely designed and innovated in compatibility, energy density, power density, safety, operability and product appearance, which can bring users an excellent energy storage application experience.

Multiple communication interfaces RS485/RS232/CAN

POWERING BY BRAND NEW EVE CELLS

XTRA POWER QUASAR-LITE SERIES WALL MOUNT LITHIUM BATTERY MODULE		
Model No.	XTLB48100-LITE 	XTLB48200-LITE 
Nominal Parameters		
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12Kwh	10.24Kwh
Basic Parameters		
Design Life Times (25℃)	20 Years	20 Years
Life Cycles (80% DOD, 25℃)	>6000 Cycles	>6000 Cycles
Storage Time / Temperature	5 months @25°C; 3 months @35°C; 1 month @45°C	5 months @25°C; 3 months @35°C; 1 month @45°C
Operation Temperature	-20°C to 60°C @60+/-25% Relative Humidity	-20°C to 60°C @60+/-25% Relative Humidity
Storage Temperature	0°C to 45°C @60+/-25% Relative Humidity	0°C to 45°C @60+/-25% Relative Humidity
Modules connection	1-15 in parallel	1-15 in parallel
Enclosure Protection Rating	IP45	IP45
Electrical Parameter		
Operation Voltage	46-57.6Vdc	46-57.6Vdc
Max.charging Voltage	57.6Vdc	57.6Vdc
Max.charging and Discharging Current	100A	200A
Max.Power	5120W	10240W
Smart BMS Compatible With Inverter Brands	   	

with Bluetooth for changing Inverters Protocol Wirelessly

INSTALLTION SHOWCASE SPECIALIZED FOR AFRICA MARKET

