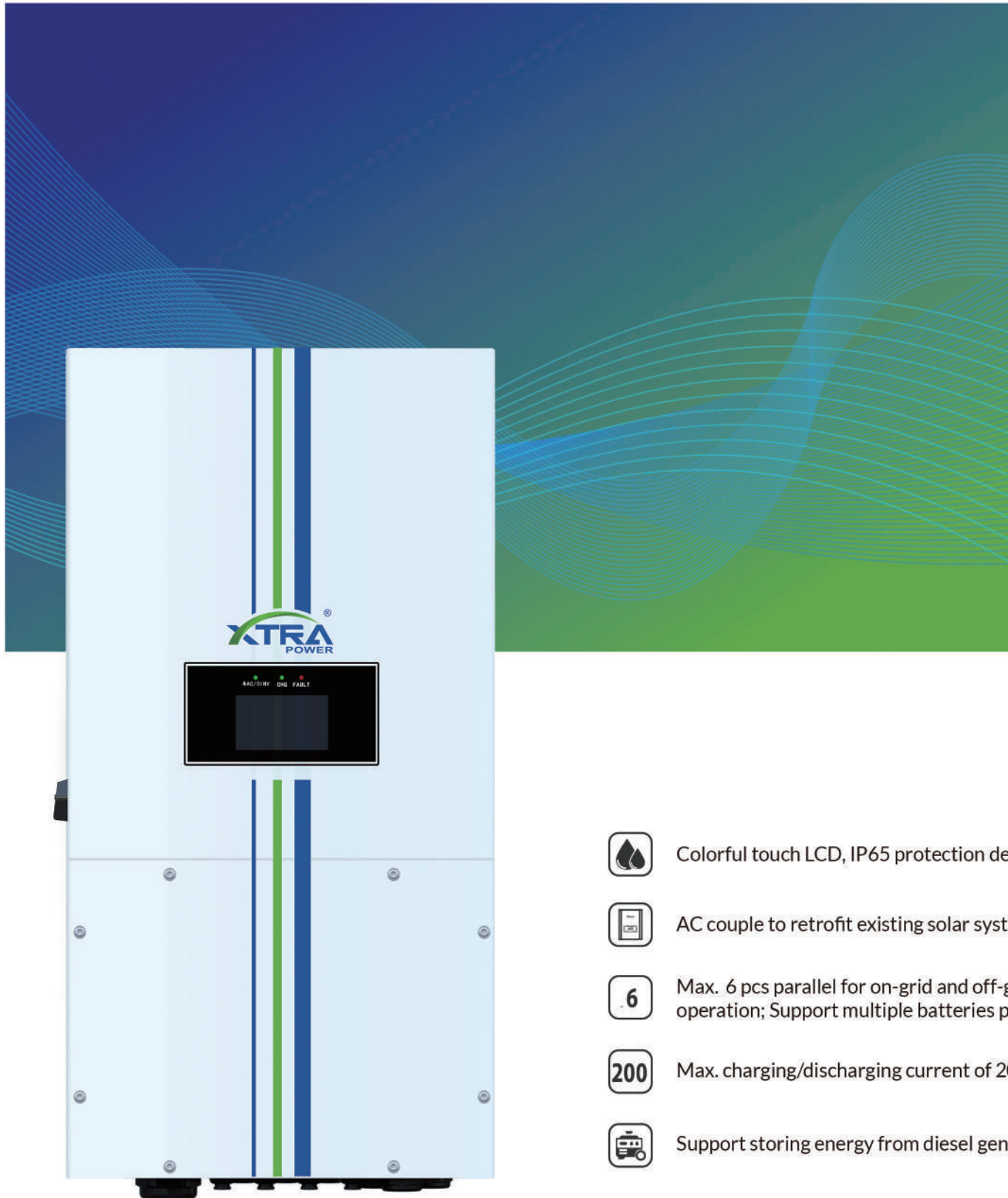







Hybrid Inverter

SUNXT-4810KP1-EU



-  Colorful touch LCD, IP65 protection degree
-  AC couple to retrofit existing solar system
-  Max. 6 pcs parallel for on-grid and off-grid operation; Support multiple batteries parallel
-  Max. charging/discharging current of 200A
-  Support storing energy from diesel generator

Technical Data

Model No.	SUNXT-4810KP1-EU
Battery Input Data	
Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range (V)	40~60
Max. Charging Current (A)	200
Max. Discharging Current (A)	200
Charging Strategy for Li-Ion Battery	Self-adaption to BMS
PV String Input Data	
Max. DC Input Power (W)	15000
Max. DC Input Voltage (V)	500
Start-up Voltage (V)	150
MPPT Range (V)	150~450
Rated DC Input Voltage (V)	370
PV Input Current (A)	22+22+22
Max. PV ISC (A)	27+27+27
No. of MPPT Trackers	3
No. of Strings Per MPPT Tracker	2+2+2
AC Output Data	
Rated AC Output Active Power (W)	10000
Max AC Output Active Power (VA)	10000
Max AC Output Current (A)	50
Peak Power (off grid)	2 times of rated power, 5 S
Power Factor Adjustment Range	0.8 leading to 0.8 lagging
Power Factor	1
Output Frequency and Voltage	50/60Hz; L/N/PE 220/230Vac
Grid Type	Single Phase
Total Harmonics Current Distortion (THDi)	<3%
Efficiency	
Max. Efficiency	98.10%
Euro Efficiency	97.60%
MPPT Efficiency	99.90%
Protections	PV Switch; AC over current protection; AC over voltage protection; Ground fault monitoring; Grid monitoring; Anti-islanding protection; Residual-current monitoring unit; Insulation resistance monitoring; AFCI Protection
Surge Protection	DC Type II / AC Type II
General Data	
Dimensions (W / H / D)	440X720X240mm
Weight (kg)	34
Operating Temperature Range	-25℃ - +60℃
Noise emission (typical)	≤ 30d B (A)
Self-Consumption <	<60W
Topology	High Frequency Isolated Transformer
Cooling	Natural cooling
Protection Degree	IP65 / NEMA 4
Relative humidity	0-100%
Altitude	2000m
DC connection	Quick Connector
Display	Touch-control LCD
Interface	RS485 / CAN / USB
Monitor	RF / WIFI /GPRS
Installation Style	Wall-mounted
Warranty	5 Years (10 Years Optional)