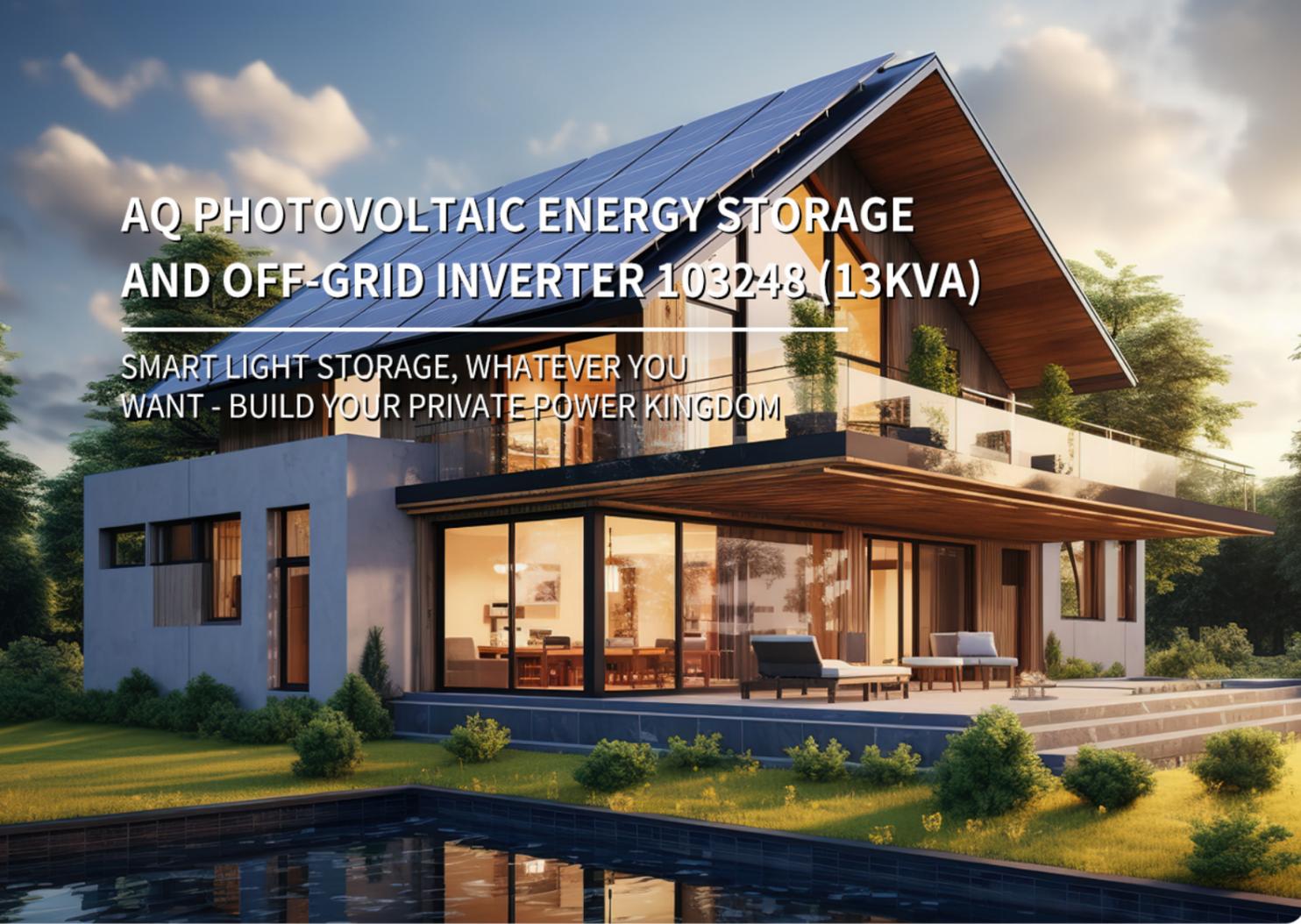


AQ PHOTOVOLTAIC ENERGY STORAGE AND OFF-GRID INVERTER 103248 (13KVA)

SMART LIGHT STORAGE, WHATEVER YOU WANT - BUILD YOUR PRIVATE POWER KINGDOM



Features

- 1、High frequency design, high power density, small size, high efficiency
- 2、Two-way energy storage design, can realize the two-way flow control of electric energy photovoltaic and mains can charge the battery
- 3、Ultra-wide MPPT range, up to 40Vdc(24V model) / 80Vdc (48V model)
- 4、The working mode can be set (grid-connected mode, off-grid mode, mixed mode)
- 5、With grid-connected current setting function
- 6、Output priority setting function
- 7、With charging priority setting function
- 8、With lithium battery BMS communication function
- 9、Support battery-free operation mode

Application



Residential



Office



Network Equipment



Household appliance



Telecom



Power station

INNOVATION BREAKTHROUGH
LAUNCHED PANORAMIC HOME GREEN SOLUTIONS



Technical Parameters

AQ PHOTOVOLTAIC ENERGY STORAGE AND OFF-GRID INVERTER

PRODUCT MODEL	103248 (13KVA)
VOLT INPUT POWER	6000W*2
MPPT TRACKS VOLTAGE RANGE	80VDC-450VDC
RATED INPUT VOLTAGE	360VDC
PV INPUT VOLTAGE VOC	450VDC
MAXIMUM PHOTOVOLTAIC INPUT CURRENT	22A*2
MPPT TRACK NUMBER	ROUTE 2
RATED BATTERY VOLTAGE	48VDC
BATTERY VOLTAGE RANGE	42~60VDC
PHOTOVOLTAIC CHARGING CURRENT	180A
MAINS CHARGING CURRENT	120A
CHARGING CURRENT	180A
RATED OUTPUT POWER	10.3KW
RATED OUTPUT VOLTAGE	220VAC/230VAC/240VAC
OUTPUT VOLTAGE RANGE	187VAC~264VAC
RATED OUTPUT FREQUENCY	50HZ/60HZ
FREQUENCY RANGE	47HZ~52(50HZ),57HZ~62HZ(60HZ)
RATED OUTPUT CURRENT	44.9A
POWER FACTOR	>0.98(RATED POWER)
COMMUNICATION FUNCTION	RS485/ MOBILE APP (WIFI MONITORING OR GPRS MONITORING) OPTIONAL
CLASS OF PROTECTION	IP20
INSTALLATION MODE	WALL-MOUNTED
PRODUCT SIZE	535*462*117
PACKAGE SIZE	615*527*192
NET WEIGHT	15.5KG