



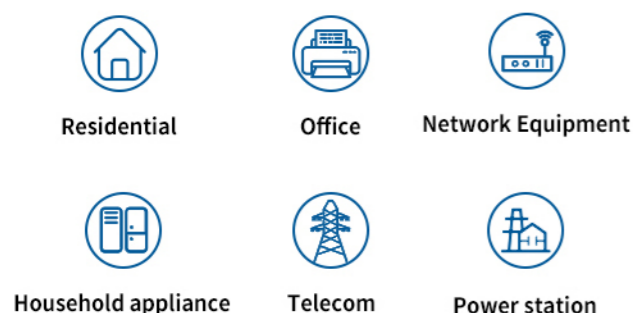
AQ PHOTOVOLTAIC ENERGY STORAGE AND OFF-GRID INVERTER 33224KW (4KVA)

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



Technical Parameters

AQ PHOTOVOLTAIC ENERGY STORAGE AND OFF-GRID INVERTER	
PRODUCT MODEL	33224KW(4KVA)
VOLT INPUT POWER	5000W
MPPT TRACKS VOLTAGE RANGE	40VDC-450VDC
RATED INPUT VOLTAGE	360VDC
PV INPUT VOLTAGE VOC	450VDC
MAXIMUM PHOTOVOLTAIC INPUT CURRENT	18A
MPPT TRACK NUMBER	ROUTE 1
RATED BATTERY VOLTAGE	24VDC
BATTERY VOLTAGE RANGE	21~30VDC
PHOTOVOLTAIC CHARGING CURRENT	120A
MAINS CHARGING CURRENT	80A
CHARGING CURRENT	120A
RATED OUTPUT POWER	3300W
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	13.9A
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	325*275*102
PACKAGE SIZE	400*330*167
NET WEIGHT	6KG