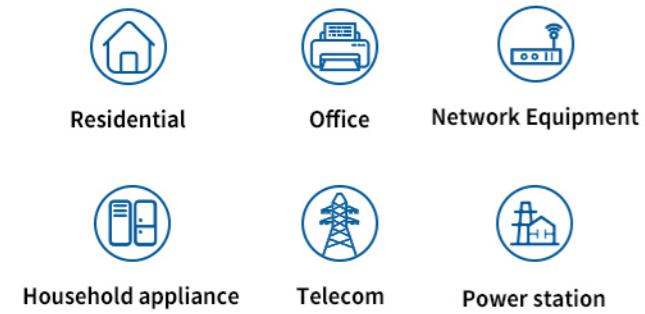




Features

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	80248
PHOTOVOLTAIC INPUT POWER	7000W
MPPT TRACKS VOLTAGE RANGE	80VDC-450VDC
PV INPUT VOLTAGE VOC	500VDC
PHOTOVOLTAIC INPUT CURRENT	27A
MPPT TRACK NUMBER INPUT TRACK NUMBER	ROUTE 1
RATED BATTERY VOLTAGE	48VDC
BATTERY VOLTAGE RANGE	42~60VDC
PHOTOVOLTAIC CHARGING CURRENT	120A
MAINS CHARGING CURRENT	80A
MAXIMUM CHARGING CURRENT	120A
BATTERY TYPE	VALVE HOLE TYPE LEAD-ACID BATTERY \ LITHIUM BATTERY
INPUT CELL ACCURACY	±2%
RATED OUTPUT POWER	8000VA
RATED OUTPUT VOLTAGE	220VAC\230VAC\240VAC
OUTPUT VOLTAGE RANGE	187VAC~264VAC
FREQUENCY RANGE	47HZ~52(50HZ),57HZ~62HZ(60HZ)
RATED OUTPUT CURRENT	28.6A\27.4A\26.2A
POWER FACTOR	>0.98(RATED POWER)
COMMUNICATION FUNCTION	RS485\ MOBILE APP (WIFI MONITORING OR GPS MONITORING) OPTIONAL
CLASS OF PROTECTION	IP20
INSTALLATION MODE	WALL-MOUNTED
PRODUCT SIZE	390*320*112
PACKAGE SIZE	465*375*187
NET WEIGHT	8KG