

# XMI-HR Series

Intelligent AC and DC integrated power supply

- AC 220V/DC 48V output
- 3KVA module maximum 5 units in parallel
- Compatible with liFePO4 and lead-acid battery



1KVA - 15KVA



## Power Range

1kVA-15kVA

## Application

Distributed antenna system,remote unit, macro coverage, fixed network access equipment.

## Performance Characteristics

### Intelligent Flexibility

- Compatible with LiFePO4 batteries and lead-acid batteries
- Standard 19-inch rack mount,supporting wall-mounted and embedded installation
- Strong overload capacity, support 150% rated load impact operation for nonlinear communication equipment with load
- Output can be AC 220V and DC 48V at the same time (AC and DC isolated) for various communication loads

### High Reliability

- Input power factor  $\geq 0.99$
- Intelligent fan speed regulation function
- Battery mode efficiency  $\geq 90\%$  at full load
- Mains power mode efficiency is as high as 99%

### Green Performance

- The battery power-off voltage can be set to extend the battery life
- Over-voltage and low-voltage protection; output overload and short-circuit protection; over-temperature protection; battery under-voltage warning and protection; battery over-charge protection; anti-surge, lightning protection
- Unattended function

### Intelligent monitoring and management

- Dry contact communication interface: three interfaces for mains power failure, low battery and system alarm
- Standard RS485/RS232 communication interface/SNMP as option for remote monitoring

## Performance

Model	XMI10HR-X	XMI20HR-X	XMI30HR-X	XMI60HR-X	XMI100HR-X	XMI150HR-X
Rated Capacity	1kVA	2kVA	3kVA	6kVA	10kVA	15kVA
Input						
AC Voltage	176-250VAC （settable）					
Frequency	50Hz±5%					
Power Factor	≥0.99					
DC Voltage	48VDC					
AC Output						
Power Factor	0.8					
Voltage	220VAC±2% （inverter model）					
Efficiency	≥90% （inverter model）					
Frequency	50Hz±0.25Hz （inverter model）					
Output Waveform	Pure Sine Wave （inverter model）					
THDu	≤3%( linear load under full load)					
Overload	125% rated load protection after 1 minute； 150% rated load protection after 10 sec					
Switching Time	≤10ms					
DC Output						
Voltage	-48VDC （pure inverter without DC output）					
Current	When the suffix X is EA, the current is 6A; when it is ED, the current is 20A, when it is EF, the current is 30A; when it is EJ, the current is 50A, the above current includes charging current.					
Battery						
Low-voltage Warning	43VDC±0.5VDC					
Under Voltage	≤40VDC					
Overvoltage Protection Point	≥60VDC					
Overvoltage Recovery	≥55VDC					
Reverse Connection Protection	Yes					
Output (Inverter Mode)						
Overvoltage Protection	≥245VAC					
Low-Voltage Warning	≤200VAC					
Protection						
Output Short Circuit Protection	Yes					
Over Temperature Protection	Built-in fan for heat dissipation, intelligent speed regulation according to load					
Battery Physical						
Rated Voltage	48VDC					
Charging Voltage Range	53-59VDC （settable）					
Charging Current	6A/20A/30A/50A					
Mechanical Characteristics						
WxDxH(mm)	482.6 x 350 x 44.5 （1U）			482.6x500x88(2U)	482.6 x492 x 222 （5U）	
Weight(kg)	< 10			< 20	< 30	< 50

\* Specifications are subject to change without prior notice.