

AKHPI Plus Series



FEATURE

1

Pure sine wave inverter
AVR function
Cold start function

2

Selectable high power
AC charging current of
5A/10A/20A/30/45A/60A

3

Selectable UP to 8 types
battery

4

Compatible to mains
voltage or generator
output

5

Auto restart while AC
is recovering
Overload and short
circuit protections

6

Smart battery charger
design for optimized
battery performance

7

remote control function
USB and RS232 communication
function

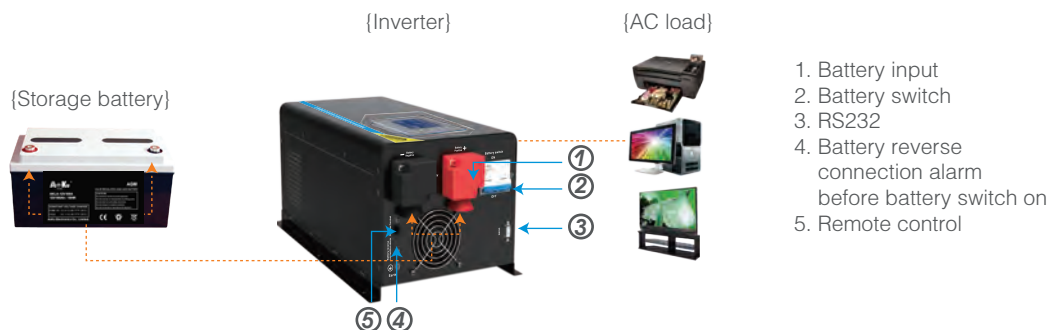
PRODUCT INTRODUCTION

- | | |
|------------|-----------|
| ① ENTER | ④ CHR/CRT |
| ② SAVE/GRN | ⑤ CHR/MOD |
| ③ ON/MUTI | |



1. Press CHR/CRT to select 8 types battery and press ENTER to confirm.
2. Press CHR/MOD to select AC charging current of 5A/10A/20A/30A/45A/60A and press ENTER to confirm.

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SPECIFICATIONS

Model	AKHPI Plus-	2000W-12V	2000W-24V	3000W-24V	3000W- 48V	4000W- 48V	5000W- 48V	6000W- 48V
Real power		2000W		3000W		4000W	5000W	6000W
DISPALY								
Indicator panel		LCD display						
AC MODE								
Input Voltage		160~265 ± 5Vac						
Input frequency		45~65Hz						
Output Voltage		160~265 ± 5Vac						
Efficiency		≥96% (AC Mode)						
INVERTER MODE								
NO load current & power		0.8A/9.6W	0.7A/16.8W	1A/24W	0.7A/33.6W	0.7A/33.6W	0.8A/38.4W	0.8A/38.4W
THD		<3%(linear load)						
Output voltage		230Vac						
Output frequency		50 ± 0.1Hz / 60 ± 0.1Hz(Auto sensing)						
Output wave form		Pure Sine Wave						
Transfer time		< 10ms (Typical)						
Efficiency		≥80% (BATTERY Mode)						
Overload capability		(100%<Load<120%) ± 10%:Auto shutdown in 2 mins; (120%<Load<140%) ± 10%:Auto shutdown in 60 secs; (140%<Load) ± 10%:Auto shutdown in 20 secs;						
Overcurrent protection		System shuts down automatically within 20ms						
Output short circuit protection		Yes						
BATTERY								
DC voltage		DC 12V	DC 24V	DC 24V	DC 48V			
Battery type		8 types of battery						
AC charging current		5A/10A/20A/30A/45A(60A) Max						
PHYSICAL								
Net weight(kg)		23	23	27.1	27.1	30.8	34.2	40.5
Dimension(mm)		526(L)*277(W)*215(H)mm						
ENVIRONMENT								
Environment		Temperature 0℃~40℃, Humidity 20%~90%						
Noise level		≤40dB(1m)						
Altitude		≤1000 m (Altitude exceeds 1000m, full power cannot reach)						

Product specifications are subject to change without notice