

Flash Off-Grid Inverter Selection Guide

MODEL	Flash AP 3K	Flash AP 5K
RATED POWER	3000VA/2400W	5000VA/4000W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers)	
	90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%	
AC Voltage Regulation (AVR Mode)	230VAC \pm 10%	
Surge Power	6000VA	10000VA
Efficiency (Peak)	90% - 93%	
Transfer Time	10 ms (For Personal Computers)	20 ms (For Home Appliances)
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	32 VDC	60 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	PWM	PWM
Max. PV Array Open Circuit Voltage	75 VDC	105VDC
Max. Solar Charge Current	50A	50A
Max. AC Charge Current	30A	60A
Max. Charge Current	80A	110A
PHYSICAL		
Dimension, D x W x H (mm)	340 x 380 x 88	420 x 397 x 120
Net Weight (kgs)	12	16
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 55°C	
Storage Temperature	-15°C to 60°C	