



Pure sine wave solar inverter



Selectable charging current based on applications



MPPT efficiency max 90%
Optional built-in MPPT/PWM
30-60A controller



Automatically send signal to start generator



Parallel Function for options to Enlarge More Loads.



Hight Efficiency Design for optimized battery performance

		SUN-BOOST.COM			
Model	UD1512AM	UD3824AM	UD6348AM	UD10048AM	UD12548AM
Out Put Power	1500VA/1200W	3800VA/3000W	6300VA/5000W	10000VA/8000W	12500VA/10000W
Input Voltage					
Ac Input	110VAC				
Input Voltage Range	77-132VAC±3V (Nor Model) 92-132VAC3V (UPs model)				
Frequency	50/60Hz±5%				
AC model output Voltage	The output voltage unde the mains is the same as the input voltage				
AC model output frequency	The output frequency under the mains is the same as the input frequency				
Battery model output voltage	110VAC±10%				
Battery model output frequency	50HZ or 60HZ±1%				
Battery model output wave	Pure sine wave				
Battery type	External lead-acid battery,Gel battery, water battery or Lithium battery				
Battery voltage	12VDC	24VDC	48VDC	48VDC	48VDC
Battery charging voltage	13.7VDC	27.4VDC	54.8VDC	54.8VDC	54.8VDC
Maximum PV array power	800W	1600W	6400W	6400W	6400W
Solar input voltage range	15V~150VDC	30V-150VDC	60V-150VDC	60V-150VDC	60V-150VDC
Maximum PV Display Open Circuit Coltage	150VDC				
Maximum solar charging current	12V: 60A	24V:60A	48V: 120A	48V: 120A	48V: 120A
Maximum AC charging current	30A	35A	29A	50A	60A
Transfer time	≤10ms(USP)/≤20ms(INV)				
load peak ratio	(MAX) 3:1				
Protective function	Under the mains : input overcurrent fuse Under inverter: overload protection,short circuit protection,low voltage protection, battery reverse connection protection (fuse).				
Status Display	You can view parameters such as AC voltage, AC frequency, PVvoltage, PV current, output voltage, output frequency, battery voltage, load current and other parameters by turning the page keys.				
Voice prompt	Low battery protection buzzer long beep Low battery buzzer beeps every second Machine fault buzzer beeps overload buzzer beeps When the overload is less than 130%, the buzzer will sound every second,and the output will be turned off after 30s. when the overload is greater than 150%,the output will be turned off after 300ms.				
Operating temperature	-10℃~50℃				
Storage temperature	-15℃~45℃				
Relative temperature	20%~90% no condensction				
Noise	<45dB				
SIZE(L*W*H)mm	545*400*200mm				
Wight	8.05kg	9.21kg	30.91kg	42.63kg	53.08kg