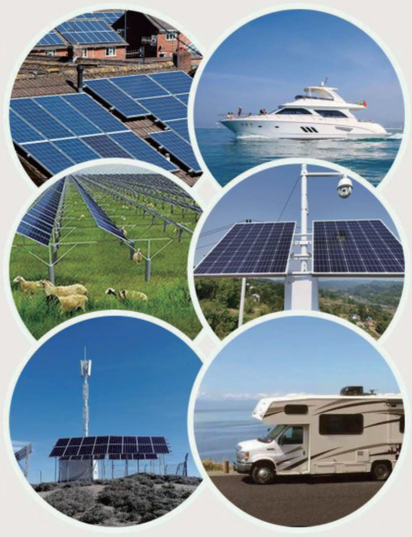
SOLAR INVERTER UD SERIES
800W~10000W

Application



Features

- Pure sine wave output
- Can support WIFI / GPRS
- MPPT efficiency max 98%
- BMS function for lithium battery
- DC start & automatic self-diagnostic fuction
- Automatically send signal to start generator
- High efficiency design for optimized battery performance
- Selectable charging current based on applications
- AC start-up voltage auto restart voltage
- lead acid battery/Lithium battery

Model	UD1012AP	UD1512AP	UD1524AP	UD2024AP	UD3024AM	UD5048AM	UD6348AM	UD10048AM	UD12548AM
AC Input voltage	220VAC(standard)				220VAC(standard)				
Input voltage range	154-264VAC±3V(Nor Model)185-264VAC±3V(UPS model) 110V: 77-132VAC±3V (Nor Model) 92-132VAC±3V (UPS model)								
Input frequency	50/60Hz±5%				50/60Hz±5%				
Out put power	1000VA 800W	1500VA 1200W	1500VA 1200W	2000VA 1600W	3000VA 2400W	5000VA 4000W	6300VA 5000W	10000VA 8000W	12500VA 10000W
AC model output Voltage	The output voltage under the mains is the same as the input voltage								
AC model outout frequency	The output frequency under the mains is the same as the inputfrequency								
Battery model output voltage	220VAC±10% (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	12VDC	24VDC	24VDC	24VDC	48VDC	48VDC	48VDC	48VDC
Battery charging voltage	13.7VDC	13.7VDC	27.4VDC	27.4VDC	27.4VDC	54.8VDC	54.8VDC	54.8VDC	54.8VDC
Maximum PV array power	12V:800W		24V:1600W			48V:6400W			
Solar input voltage range	12V: PWM 15V-50VDC 24V: PWM 30V-105VDC				24V:MPPT 30V-150VDC 48V: MPPT 60V-150VDC				
Maximum PV Display Open Circuit Voltage	12V: PWM 50VDC 24V: PWM 105VDC				24V:MPPT 150VDC 48V:MPPT 150VDC				
Maximum solar charging current	60A						120A		
Maximum AC Charge Current	30A	40A	20A	30A	60A	40A	50A	80A	100A
Transfer time	≤10ms (UPS) /≤20ms (INV)								
load peak ratio	(MAX)3:1								
Protective function	Under inverter: overload protection,short circuit protection, low voltage protection, (with battery anti-reverse connection, board).								
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	0℃~40℃								
Storage temperature	-15℃~45℃								
Relative temperature	-10℃~90℃no condensation								
Noise	<45dB								
size (L*W*H)mm	465*310*135MM						545*400*200MM		