

apex NK SERIES 700W PURE SINE WAVE INVERTER

PRODUCT FEATURES

- Pure Sine Wave Output (THD<3%)
- Input & Output Completely Isolated Design
- High Efficiency 90-93%
- High frequency design featuring compact and light weight
- Exclusive anti-surge design, good for working with lithium battery
- 3 times surge power
- Output voltage and frequency settable by dip switch
- RS485 communication & Bluetooth MobileAPP software remote control
- Protection: Input reverse protection, under voltage protection, over voltage protection, output overload protection, short circuit, over temperature, Leakage protection
- USB Output Port 5V/2.1A
- With Remote controller function Optional / CR80 or CRD80 Remote controller with 5m cable optional / Wireless remote controller CRW80/CRW88
- 2 years quality warranty, technical supporting whole life
- Output socket: USA, Australia, Universal, UK, France, German, Brazil, South Africa, Argentina , GFCI, Universal types etc.optional



PRODUCT APPLICATION



Household Appliance



Marine & RV



Solar System



Office Equipment

SPECIFICATION

	Model	NK700-112	NK700-124	NK700-148	NK700-212	NK700-224	NK700-248
Output	AC Voltage	100/110/120VAC			220/230/240VAC		
	Rated Power	700W					
	Surge Power	2100W (20ms)					
	Waveform	Pure Sine Wave (THD<3%)					
	Frequency	50/60Hz ±0.05%, Frequency Settable By Dip Switch					
	AC Regulation	±5%			±10%		
	Power Factor Allowed	COSθ-90°~COSθ+90°					
	Standard Receptacles	USA/British/Franch/Schuko /UK/Australia/Universal Etc. Optional					
	LED Indicator	Green For Power, Red For Faulty Status					
	USB Port	5V 2.1A	5V 2.1A	----	5V 2.1A	5V 2.1A	----
	Output Voltage	AC120V-130V,AC110V/120V/130V Dip switch settable			230V AC±5%, 220V/230V/240V Dip switch settable		
	Remote Control Function	RS485 Communication & Bluetooth Mobile APP Software Remote Control					
	Remote Controller	CR80/CRD80/CRW88/CRD88 Optional					
No Load Current Draw	≤0.7A						
Power Saving Mode	≤0.3A, By Dip switch for 8 codes (20W/30W/40W/50W/60W/70W/80W/90W)						
Input	DC Voltage	12V	24V	48V	12V	24V	48V
	Voltage Range	10.5~16VDC	21~32VDC	42~64VDC	10.5~16VDC	21~32VDC	42~64VDC
	Efficiency(Typ.)	89%~90%					
	Fuse	50Ax2	25Ax2	15Ax2	50Ax2	25Ax2	15Ax2
Remote Control	Fonction (Optional)						
Protection	BAT. Low Alarm	10.5±0.5VDC	21±1.0VDC	42±2.0VDC	10.5±0.5VDC	21±1.0VDC	42±2.0VDC
	BAT. Low Shutdown	10±0.5VDC	20±1.0VDC	40±2.0VDC	10±0.5VDC	20±1.0VDC	40±2.0VDC
	Over Load	Shut Down Output Voltage , Restart To Recover					
	Over Voltage	16.5±0.5VDC	33±1.0VDC	66±2.0VDC	16.5±0.5VDC	33±1.0VDC	66±2.0VDC
	Over Temperature	Temperature Control Enclosure Maximum Temperature At 55°C-65°C . Shut Down Output Voltage , Recover Automatically After Temperature Goes Down					
	Output Short	<5s, auto-restart					
	DC Input Revere Polarity	By Fuse Burn, The Product Is Not Damage					
	Earth Fault	Shut Off O/P When The Load Has Electrical Leakage					
Enviro nment	Sorf Start	Yes, 3-5 Seconds					
	Working Temp.	-20°C~+40°C					
	Working Humidity	20~90%RH non-condensing					
	Storage Temp.&Humidity	-30~+70°C,10~95%RH					
Certification	CE (EMC&LVD),ROHS ,E-MARK ,SGS						
Others	Cooling	Bt Temperature And Load Controlled Fan					
	Application	Home And Office Appliances,Portable Power Equipment,Vehicle,Yacht And Off-Gid Solar Power Systems...Etc.					



MERKEZ

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