



Off-grid Inverter

DJN Series (1~12kVA)

- » Motor load acceptable
- » Modular & rack design
- » Telecom standard level

Easy for Use:

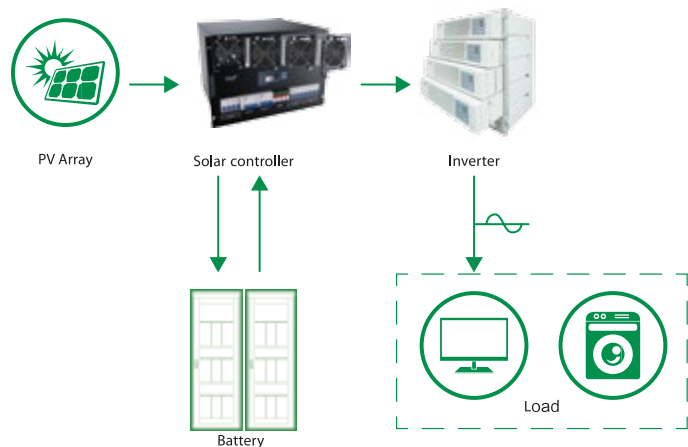
- Modular design easy for expansion and maintenance
- Dry contact communication function convenient for system monitor
- With output distribution easy for installation

Excellent Performance:

- Pure sine wave output with THDU<3% (full load)
- Perfect protection of output short circuit, overload, battery low, over temperature etc.
- Special Low DC noise design for communication industry

High Reliability:

- N+X parallel no master and no slave adaptive technology
- Impact resistance design fit for high impact load even for air conditioner
- Full digital technology
- More than 16 years telecom application experience



Friendly Interface:

- DB9 dry contacts and RS232 communication
- Easy operation for ON/OFF switch
- LEDs real time show the system working status
- Elegant appearance design

Technical Specification:

Items	DJN1000-SPO-B	DJN2000-SPO-B	DJN3000-SPO-B	DJN6000-SPO-B	DJN9000-SPO-B	DJN12000-SPO-B
Input						
Rated DC Input current (A)	17	34	50	100	150	200
Rated DC Voltage (Vdc)	48					
DC Voltage Starting Range (Vdc)	40~57					
Output						
Rated AC Output Power (VA/W)	1000/700	2000/1400	3000/2100	6000/4200	9000/6300	12000/8400
Rated Output Voltage (Vac)	220/230/240±1% (110/120/127 are available for customization)					
Rated Output Current (A)	4.5	9.0	13.6	37.3	40.9	54.5
Rated Output Frequency (Hz)	50±1%					
Harmonic Distortion	THD<3 (Linear Load)					
Power Factor	0.7					
Overload Capacity	105%~125% for 80s; 126%~150% for 1s					
Inverter Efficiency	83%		88%		87%	
Peak Factor	3:1					
Others						
Protection Level	IP20					
Operating Ambient Temperature (°C)	-20~ 40					
Operating Ambient Humidity	0~95%					
Reference Dimension (WxDxH) (mm)	440x286x1U	440x358x2U		445x335x445		
Reference Weight (kg)	5	9.5	13.5	32	41	49
Communication Port	RS232					

- Specifications are subject to change without prior notice.