



AdPS
Advanced Power Systems


Mod INV 48/230

Parallel - Redundant - Modular



- used for:
- telecom application
 - industrial application




...principle safety

Mod INV 48/230

MODEL	AP DJN3000-P
Rated Output Capacity	3000 - 12000 VA / 2100 - 8400 W
DC INPUT	
Rated voltage (VDC)	48VDC
Rated current(A)	60A / Modul
DC Input range	(43~56) ±1VDC
Max input impact current of startup	Less than 150% rated current
DC Input range of normal start	(46~56) ±1VDC
Low voltage alarm of DC input	45±1VDC
High voltage alarm of DC input	58±1VDC
Low voltage protection of DC input	43±1VDC
Over voltage protect of DC input	60±1VDC
AC OUTPUT	
AC output (Vac)	220Vac±2% (Inverter output) (ECO mode output is same the power supply)
Frequency(Hz)	50Hz±1%
Dynamic voltage transient	<10%
Resume time of dynamic transient (ms)	< 60ms
Wave form	Sine Wave, THD<3% (Linear Load)
Overload Capacity	105%~125% lasting not less than 60 sec, load126%~200% lasting not less than 10 sec
Output Mode	Terminal
GENERAL	
Display	LED Indicator (Display working status)
Communication Function	One DB9 communication port, three Dry contactor (power cut,DC low-voltage and over-voltage, Fault)
Alarm Function	DC input abnormal, Overload, Inverter Fault
Protection Function	DC input low-voltage and over-voltage protection, overload protection, short-circuit protection, AC output over-voltage or low-voltage protection, over-temperature protection
Transmission	Meet YD/T983-1998 A-standard
Radiation	Meet YD/T983-1998 A-standard
Interference Rejection	Meet YD/T983-1998 A-standard
Insulation Resistance	> 2M Ω (500VDC)
Dielectric Strength	2800VDC(output to ground, DC Input to AC output), no flashover voltage 1 min
Cooling-down Method	Wind cooling
Noise (dB)	<55dB (1m)
Working Temperature(°C)	10°C ~ +40°C (3+1 Mode , 1 for redundancy)
Relative Humidity (Work)	0~95% without condensation
Efficiency at full load	> 90%
INVERTER Storage Temperature (°C)	-40°C ~+65 °C
Relative Humidity (Storage)	0%~95% without condensation
Dimension (mm) (WxDxH)	Rack mountable mode: 435x358x87 (inverter module) 445x335x445 (parallel system)
Weight (kg)	8.5 (inverter module)
Standards	LVD: EN 60950-1: 2006+A11: 2009 EMC: EN 55022: 2006+A1: 2007; EN 55024: 1998+A1: 2001+A2: 2003

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