

## UPS, Battery & Data Center

[www.tethysco.com](http://www.tethysco.com)

مهندسين مشاور امواج تیتیس (سهامی خاص)

### DIV Series Power Inverter 500-6000VA

#### Features

- CPU control technology
- SPWM technology with pure sine wave
- Powerful load capability and high compatibility
- Advanced reverse noise technology
- Settable to AC model and DC model
- Fault protection
- Interface: RJ45, Dry contacts



#### Specification

MODEL	DIV500	DIV1000	DIV2000	DIV3000	DIV4000	DIV5000	DIV6000	
Capacity	500VA	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA	
DC Input	Input voltage(Vdc ) 12V/24V/48V/110V/220V							
	Reverse noise current 10%							
AC Bypass	Bypass volt(Vac ) 265V-185V(±10V)							
	2.3	4.5	9.1	13.6	18.2	22.7	27.3	
	Transfer time(ms ) ≤5ms							
AC Output	Rated capacity(VA )	500VA	1000VA	2000VA	3000VA	4000VA	5000VA	6000VA
	Output power(W)	400W	800W	1600W	2400W	2800W	3500W	4200W
	Voltage and Frequency 220Vac, 50Hz							
	Rated current(A)	1.8	3.6	7.2	10.8	14.5	16	19.1
	Voltage precision(V) 220±1.5%							
	Frequency precision(Hz) 50±0.1%							
	Wave form Sine wave							
	THDu 3%							
	Transient response 5%							
	Power factor(PF) 0.8/0.7							
	Overload capability 120%, 30 sec							
	Efficiency ≥85%							
	Transfer to bypass ≤5ms							
	Environment	Isolation(IN/OUT) 1500Vac, 1min						
Noise(1 meter) ≤40dB								
Operation temperature -25°C-+50°C								
Humidity 0-90%(non-condensing)								
Altitude(m) ≤2000								
Mechanical	Standard (W*D*H)(mm) 482*356*88 (500VA;1kVA;2kVA) 482*388*88 (3kVA;4kVA;5kVA) 482*400*176 (6kVA)							
	Weight(kg) 8.5KG(500VA,1000VA,2000VA,3000VA);12KG(4000VA) ; 1							