

## **SPECIFICATIONS**

	<b>NTP - 6521</b>	<b>NTP-6531</b>	<b>NTP-6561</b>
Input Voltage (Universal input)	100 - 240Vac, 50 / 60Hz~		
Full Load Input Current at 230Vac	0.83A		
Output Voltage Adjustable Range	1.0 - 20Vdc	1.0 – 36Vdc	1.0 - 60Vdc
Output Current Adjustable Range	0.25 - 5A	0.25 - 3A	0.25 - 1.6A
Voltage Regulation			
Load from 10% to 90% Variation	70mV	70mV	70mV
Line from 90 to 264Vac Variation	25mV		
Ripple & Noise (peak to peak)	≤120mV	≤150mV	≤180mV
Current Regulation			
Load from 10% to 90% Variation	50mA		
Line from 90 to 264Vac Variation	20mA		
Ripple & Noise (peak to peak)	≤50mA		
Switching Operation Frequency	50KHz to 150KHz		
Aux output 1	Fixed 3.3 /5VDC. 1.8A cont. 2A Max.		
Aux output 2	Fixed 12VDC, 800mA cont. 1A Max.		
Power Factor	>0.9		
Efficiency at Maximum Power	≥80.5%	≥80.5%	≥80.5%
Volt and Amp Control Type	Rotary Encoder		
Voltmeter and Ammeter Display	4 Digit LCD		
Voltmeter Accuracy	5 counts for range V<5V ±0.2% +5 counts for range V≥5V	5 counts for range V<5V ±0.2% +5 counts for range V≥5V	5 counts for range V<5V ±0.2% +5 counts for range V≥5V
Ammeter Accuracy	15 counts for range I≤1A ±0.5% +6 counts for range I>1A	15 counts for range I≤1A ±0.5% +6 counts for range I>1A	15 counts for range I≤1A ±0.5% +6 counts for range I>1A
LCD Indication	CC, CV, Amp, Volt, Output ON-OFF, Aux output current		
Protection	Short Circuit, Overload, Over Temperature, Tracking OVP		
CE Approvals	LVD: EN 61010, EMC: EN 55011		
Cooling System	Natural Convection		
Dimensions (WxHxD)	70 x 150 x 250mm / 2.8 x 6.0 x 9.8in.		
Weight	2Kgs / 4.4Lbs		
Remarks	All the data are based on 230V 50Hz~		