



TONE SPREAD TECHNOLOGY CO.,LTD

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TS-ATDY20015 200VDC 15A 3000W DC POWER SUPPLY

FEATURES

- (1) Small size and light weight are suitable for work surface use and rack installation.
- (2) Using PWM modulation, the consumes power of crystal module is low, high efficiency, and more power. Well-designed electronic technology circuit, forced air cooling and heat treatment, with a very low temperature coefficient.
- (3) Low noise and low ripple.
- (4) Using high gain amplifier circuit design, with good fast response characteristics.
- (5) Using a 4-bit high sampling rate, high-resolution voltage, current digital display meter.
- (6) Built-in O.V.P over-voltage protection circuit and O.T.P over-temperature protection circuit, the protection function is perfect and reliable.
- (7) This product is designed with load terminal voltage detection terminal, which has the function of accurately reading the voltage of the load terminal and performing precise control.
- (8) Voltage remote compensation connector (COLRAGE SENSING), compensates for line voltage drop and improves test accuracy.

TECHNICAL PARAMETRIC

Brand	TONE SPREAD
Model	TS-ATDY20015
AC Input	1 phase 110-220VAC
Input Voltage Range	110-220VAC \pm 15%
Input frequency	50Hz/60Hz
Output voltage	0-200VDC
Output current	0-15A
Output Power	3000W
Efficiency	86%
Voltage Stabilization	\leq 0.3%+10mV
Load Stabilization	\leq 0.5%+30mV
Ripples and Noises	\leq 0.5%+10mV _{rms}
Voltage Display Accuracy	4-digit Accuracy: \pm 1%+1 word (10%-100% rating)
Display Format	0.000V-9.999V; 0.00V-99.99V; 0.0V-999.9V
Current Display Accuracy	4-digit Accuracy: \pm 1%+1 word (10%-100% rating)
Output Over Voltage Protection	Built-in O.V.P. protection, protection limited value is rated +5%
Output Over Load Protection	Overload, current limit, constant current output
Over Temperature Protection	Built-in O.T.P. protection, Protection value 85°C \pm 5% heat sink temperature
Voltage Setting	10-turn precision potentiometer
Current Setting	10-turn precision potentiometer

Output Polarity	Output Positive (+) negative (-) Can be grounded at will
Heat Dissipation Way	Forced fan cooling
Work Conditions	Indoor use design, Temperature: 0°C~40°C; Humidity: 10%~85%RH
Storage Conditions	Temperature: -20°C~70°C; Humidity: 10%~90%RH
Packaging Dimension	220*460*170MM
Gross Weight	12.5KG
Custom Item(Charge)	
Option 1: Analog control	0-5VDC or 0-10VDC
Option 2: Communication	RS485 or RS232
Option 3: Analog control+Communication	0-5VDC or 0-10VDC + RS485 or RS232
Note: All specifications are subject to change without prior notice!	

REFERENCE PICTURE

