

# DATASHEET

## DC POWER SUPPLY

### PIPL-30015DCPS



A-426, Road No. 28, Wagle Estate  
Thane-400604, Maharashtra, INDIA.  
Mob: +91-80977 07496 | +91-72085 60460  
Email: info@powertronindia.com  
Web: www.powertronindia.com

#### 4500W DC POWER SUPPLY

#### ❖ FEATURES :

- SMPS Based Design.
- Constant Voltage & Constant Current Operation.
- Output V & I Adjustable from 0 to Specified Range.
- Protection: Short circuit / Over load / Over voltage.
- High efficiency, long life and high reliability.
- Miniature size.



#### ❖ SPECIFICATION :

MODEL NO		PIPL-30015DCPS
OUTPUT	DC VOLTAGE	300VDC
	DC CURRENT	15AMP
	VOLTAGE ADJ. RANGE	0 TO 300VDC
	CURRENT ADJ. RANGE	0 TO 15AMP
	RATED POWER	4500W
	METERING & CONTROL	USNIG MUTI TURN POTENTIOMETER
	RIPPLE & NOISE (max)	<1% Of Rated voltage
	VOLTAGE TOLERANCE	Rated voltage Of +/-1%
	LINE REGULATION	<+/-0.5%
INPUT	LOAD REGULATION	<+/-0.5%
	AC VOLTAGE RANGE	230VAC, 50Hz
	FREQUENCY RANGE	50Hz
PROTECTION	OVERLOAD	>85%
		Above 105% Rated Output Power
		Protection Type : Constant Current - Recovers automatically after fault condition is removed . Protection Type : Hiccup Mode - Recovers automatically after fault condition is removed.
ENVIRONMENT	WORKING TEMP.	(-5 DegC To 55 DegC.)
	WORKING HUMIDITY	20 To 90% RH Non Condensing.
	STORAGE TEMP./ HUMIDITY	(-10 To 85 DegC To 95% RH )
SAFETY & EMC	VIBRATION	(-10 To 500 Hz , 2G , 20min / Sweep , Period - 1 Hr, Each along X,Y,Z axes.)
	SAFETY STANDAED	Designed to meet UL60950-1
	WITH STAND VOLTAGE	I / P - O / P 3KVDC , I / P- Earth, O / P-Earth 3KVDC
	ISOLATION RESISTANCE	I / P - O / P , I / P- Earth, O / P-Earth : 100MOhms / 500VDC.
OTHERS	EMI & EMC	Designed to meet EN55011 / EN55022 , EN61000-4-2
	ENCLOSURE PROTECTION	IP-21
	DIMENSSION	488*410*480 (W*D*H)
	COOLING	Fan cooling
NOTE	1. All parameters NOT specially mentioned are measured at Typical input, rated load and 25 Deg.c. Ambient temperature. 2. Ripple and noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Tolerance includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into final equipment. The final equipment must be recon formed that it still meets EMC directives. 5. Specifications are subject to change without prior notice due to constant improvement in design & technology.	

SMPS | DC DC Converter | Battery Chargers | Dc Power Supply | DC AC Converter | Electro Plating Rectifier | POE SMPS | Adapters | LED Driver | Inverter | CVT | Servo controlled Voltage Stabilizer | Transformer