

■ Features

- Single output from 30-72W
- 100-240Vac Universal input
- UL/cUL 60065, EN60065, LVD & CE
- SCP, OVP, and Over load protection
- Efficiency Level VI
- MTBF: 50,000 hours
- Dimension: 128.5x51.5x31.7mm
- Compact size
- White case option



*Product images are for illustrative purposes only and may vary from actual design.

■ Application

- Consumer electronics and office equipment
- Industrial equipment

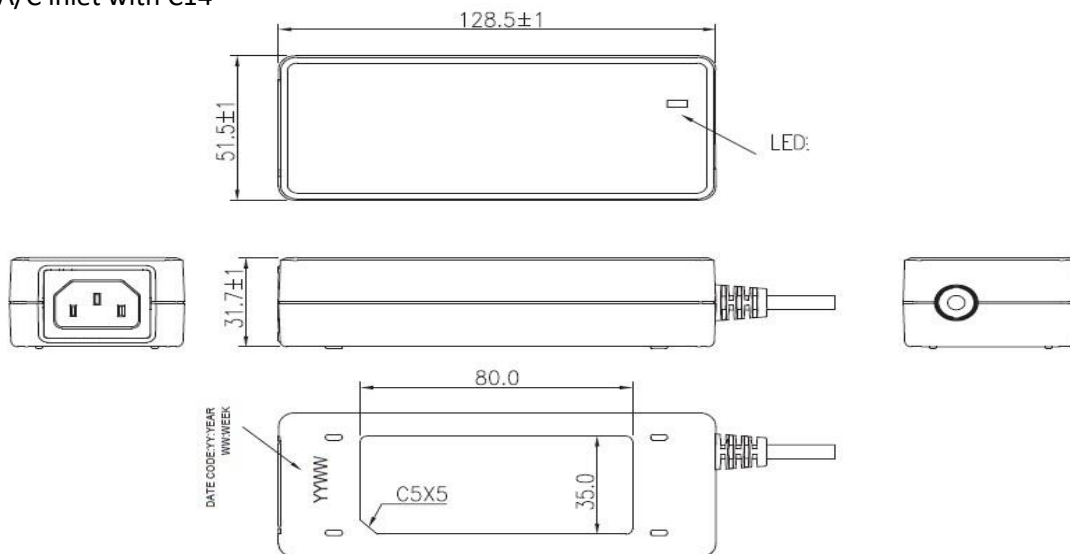
Custom Designs Available!

■ Model List

Model	Output Voltage	Output Current	Power
DT72P6-050-V-XX	5V	6A	30W
DT72P6-120-V-XX	12V	5A	60W
DT72P6-150-V-XX	15V	4.8A	72W
DT72P6-180-V-XX	18V	4A	72W
DT72P6-240-V-XX	24V	3A	72W
DT72P6-280-V-XX	28V	2.6A	72W
DT72P6-360-V-XX	36V	2A	72W

■ Mechanical Diagram

*Available A/C inlet with C14



Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com
31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

■ Technical Data

Rated Voltage (1)	5~36V (1V Increments)
Rated Power	30W(5V) - 60W (12V) – 72W (18-36V)
Ripple & Noise (2)	2% Max
Current Range	0-6A 72W (Max)
Total Regulation	+/- 5%
Overshoot/Undershoot	10%
Turn On Delay	2s (Max.)
Hold-up Time	10ms @ 115Vac/60Hz max. load & 20ms @ 230Vac/50Hz
Rated Voltage	100 ~ 240 Vac
Frequency Range	50Hz ~ 60Hz (47~63Hz Operational)
Efficiency	87%
Inrush Current	90A At 230Vac input 25°C Cold Start.
AC Current	1.8A @ 100Vac Max.
Leakage Current	0.25mA (Max.)
Over Voltage Protection	V out *120-150% Max.
Short Circuit Protection	Shut down
Over Current Protection	I out *120-150% Max.
Over Temperature Protection	Latch Protection
Temperature Range Operational	0°C ~ 40°C
Temperature Range Storage	- 25~ +85°C
Humidity Operational	8% ~95% R.H
Humidity Storage	5% ~95% R.H
MTBF	>50,000 hours (Measured at 110Vac input, 100% Load and 25°C ambient temperature (MIL-HDBK-217F))
Burn-in	2-4 Hours at 40C (+/-5%) cycling full load
Dimension (L*W*H)	128.5 × 51.5 × 31.7 mm (+/-0.5mm) – 5 × 2 × 1.2 inch
Output Cable	1200mm
Weight	277.8 g
WEEE	Complies with EU Directive 2002/96/EC
EISA 2007	Complies with requirements for external power supplies.
EU	Complies with EU Code of Conduct on external power supplies

Notes: 1. Output voltage tolerance +/-5%

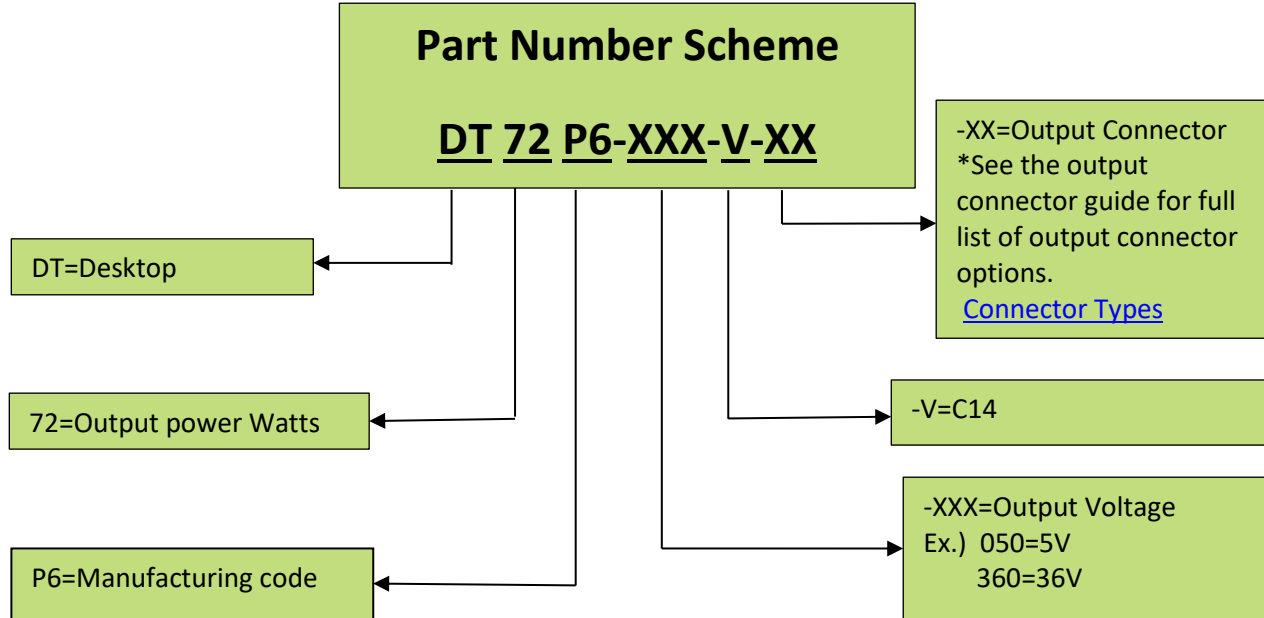
2. Max., Measuring is done by 20MHz bandwidth oscilloscope and terminated after each output with a 22uF aluminum electrolytic capacitor and a 0.1uF ceramic capacitor. Full load, 25C ambient temperature at 115Vac and 230Vac

3. When Over Current Protection is activated, the power supply will shut down automatically. Once the abnormal condition resulting in the failure being removed, the power supply will restart. When Over Voltage Protection or Over Temperature Protection is activated, the power supply will latch.

■ Safety & EMC

No load Power Dissipation	< 0.1W
Insulation Resistance	Input to output: Min. 10M OHM at 500 VDC.
Safety Standards	UL/cUL60065, EN60065, LVD & CE
Dielectric Strength	Primary to Secondary: DC 2666 V , 5mA Max , for 3 seconds
Conducted & Radiated EMI	EN 55013: 2001 +A1:2003 +A2:2006, FCC part 15 Class B : 2008
EMS	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6

Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com
 31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com



***Some Safety Agency Approvals may differ from what is shown. Contact Autec Sales!**

***Product images are for illustrative purposes only and may vary from actual design.**

***Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.**