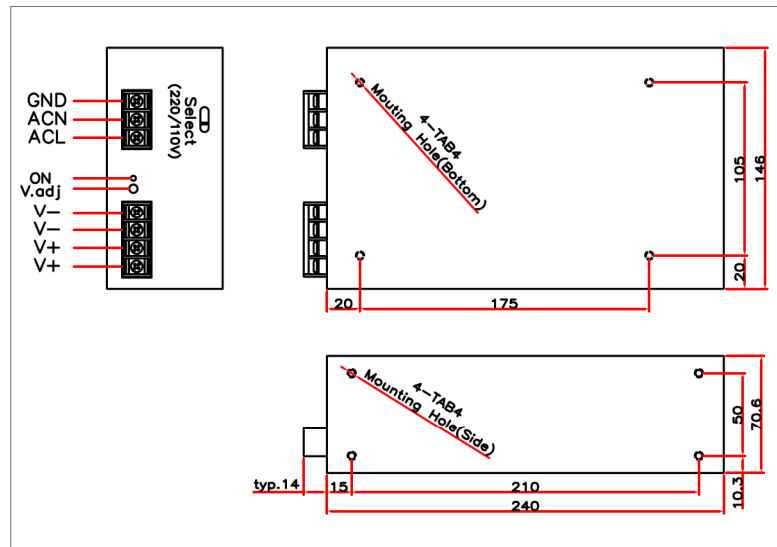


# 600S Series

## 600W 1-Channel

- **12V50A/24V25A/  
36V16.6A/48V12.5A  
Output**
- **Dual Input Voltage Range  
(AC100-120V/AC200-240V)**
- **Built-in Inrush Current  
Limiter, Over Current  
Protector and Over  
Voltage Protector**
- **Built-in Over Temperature  
Protection**
- **Approved by EN60950-1 CE**



### SPECIFICATIONS

Item		UP600S12	UP600S24	UP600S36	UP600S48
INPUT	VOLTAGE	AC100~120V/200~240V			14A typ (ACIN 110V, lo=100%) 7A typ (ACIN 220V, lo=100%)
	FREQUENCY	50/60Hz(47~63Hz)			
	EFFICIENCY	78% Typ	82% Typ	83% Typ	85% Typ
	INRUSH CURRENT	25A Typ(ACIN 110V, lo=100%)/50A Typ(ACIN 220V, lo=100%) at cold start			
OUTPUT	VOLTAGE [V]	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>
	CURRENT [A]	<b>50.0</b>	<b>25.0</b>	<b>16.6</b>	<b>12.5</b>
	LINE REGULATION [mV]	60 Max	120 Max	180 Max	240 Max
	LOAD REGULATION [mV]	120 Max	240 Max	360 Max	480 Max
	RIPPLE [mVp-p]	120 Max	240 Max	360 Max	480 Max
	RIPPLE NOISE [mVp-p]	170 Max	290 Max	410 Max	530 Max
	TEMPERATURE DRIFT,0-50°C [mV]	120 Max	240 Max	360 Max	480 Max
	RISE TIME [msec]	1,500 Max (ACIN 100V/200V, lo=100%)			
HOLDING TIME [msec]	20 Typ(ACIN 100V/200V, lo=100%)				
PROTEC-TION	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically			
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating			
ISOLAT-ION	INPUT-OUTPUT	AC3,000V for 1 minute, DC500V 100Mohm (At room temp. & humid.)			
	INPUT-CASE, FG	AC1,500V for 1 minute, DC500V 100Mohm (At room temp. & humid.)			
	OUTPUT-CASE	AC500V for 1 minute, DC500V 100Mohm (At room temp. & humid.)			
ENVIRON-MENT	OPERATING TEMP. & HUMID.	-10~+50°C, 20~90%RH(Non condensing)			
	STORAGE TEMP. & HUMID.	-20~+75°C, 20~90%RH(Non condensing)			
	VIBRATION	10~55Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis			
	IMPACT	10G for 20 msec, Once on each X, Y and Z axis			

# CERTIFICATE

of Conformity  
Low Voltage Directive 73/23/EEC  
as last amended by EEC Directive 93/68/EEC

Registration No.: AN 50093508 0001

Report No.: 13500003 001

Holder: Union Elecom Co., Ltd.  
(Chunui Techno Park 1st 1207~1211)  
200-1m Chunui-dong, Wonmi-gu,  
Bucheon, Gyeonggi-do 420-857  
Rep. of Korea

Product: Switching Power Supply  
Switching Mode Power Supply

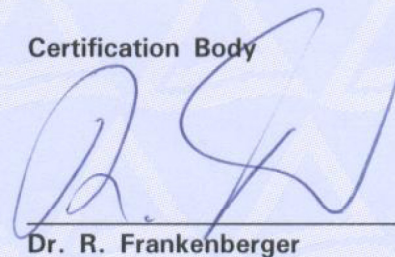
Identification: Type Designations: UP500S\*\* , UP600S\*\*  
UP650S\*\* , UP750S\*\* , UP850S\*\*  
\*\* = 12, 24, 36 and 48  
Serial no. : n.a. (Prototypes)

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 73/23/EEC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Cologne, 03.11.2006



Certification Body



Dr. R. Frankenberger

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE