

# Desktop PC Power Supply eNSP3-450P Series

0A Min. Load Current for All Outputs, High Power Nonstop Power Supply



eNSP3-450P-S20-H1V

**RoHS  
Directive**

<b>ATX</b>	
<b>NSP</b> (nonstop power supply)	
Continuous Max. <b>350W</b>	Peak Power <b>450W</b>

Model	Description	Stock
eNSP3-450P-S20-H1V	With RS232C signal unit	Standard stock
eNSP3-450P-S20-H2V	With buzzer unit	Contact us
eNSP3-450P-S20-H6V	With USB signal unit	Standard stock
eNSP3-450P-S20-H0V	No signal unit	Contact us
eNSP3-450P-C20-H1V	CCC approved and with RS232C signal unit	Standard stock
eNSP3-450P-C20-H2V	CCC approved and with buzzer unit	Contact us
eNSP3-450P-C20-H6V	CCC approved and with USB signal unit	Standard stock

  

■ Model Name Coding		
<b>eNSP3 - 450 P - * 2 0 - H * V</b>	1. Series name	4. S: Standard, C: CCC approved
①    ②    ③    ④ ⑤ ⑥    ⑦ ⑧ ⑨	2. Output power	5. DC input voltage (battery voltage) 24V type
	3. Peak output compliant	6. Modification code
		7. Nonstop circuit embedded
		8. Type of signal unit (1: RS232C signal unit, 2: buzzer unit 6: USB signal unit, 0: no signal unit)
		9. Silent type (thermal-sensing variable speed fan embedded)

## Features

- With backup function, it protects your PC from blackout.
- Completely independent voltage-stabilizing circuit is mounted for all outputs. Min. load current is 0A for all outputs.
- High capacity peak output: 450W
- By building in the thermal-sensing variable speed fan, noise reduction can be realised. Heat related issue for CPU can be settled with fan speed changeover switch.
- Designed to last 10 years min. with continuous rated operation at 45°C
- Output harnesses can be easily customized to meet various requirements.
- Signal unit and fan can be replaced.
- CCC approved (eNSP3-450P-C20 series)

## Dimensions

W×H×D (mm)	150×86×140 (PS/2 size)
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## Output connector (optional component)



Refer to "Product Page Guideline" on p.13

Safety standard / Approval	UL	CSA	EN	CE	CCC*
Reliability Grade	HFA	FA	HOA	OA	

\*CCC: only eNSP3-450P-C20-H\*V

## Function

DC start	RS 232C	USB	TTL	PFC	Silence	5VSB FAN	TSFC FAN	Connection	RoHS
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\*RS232C: only eNSP3-450P-\*20-H1V  
\*USB: only eNSP3-450P-\*20-H6V

## Automatic shutdown compliant OS

Windows 2000	Windows XP	Windows Vista	Windows 7
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## Input

AC input	85 - 264V (worldwide range)
DC input	24V (dedicated battery package*)

\*Battery package is optional (sold separately).

## Output

Output voltage	+3.3V	+5V	+12V	-12V	+5VSB
Max. current / max. power (continuous)	20A	22A	22A	0.5A	2A
	Total 160W				
	Total 334W				
Peak current / peak power (5 sec max.)	30A	33A	30A	0.5A	2.5A
	Total 200W				
	Total 432W				
Total 450.5W					
Min. current	0A	0A	0A	0A	0A