

# 200W Single Output Switching Power Supply

UL/CUL pending



- AC input selectable by switch
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Overload  
Over voltage / Over temp.
- Cooling by free air convection
- Built-in constant current limiting circuit
- 100% full load burn-in test
- LED indicator for power on
- Low cost, high reliability
- 2 years warranty

AC input voltage range ..... 90~132VAC / 180~264VAC selectable by switch  
 DC adjustment range .....  $\pm 10\%$  rated output range  
 Overload protection ..... 105%~135% constant current limiting, auto-recovery  
 Over voltage protection ..... 115%~145% rated output voltage  
 Setup, rise, hold up time ..... 1000ms, 50ms, 20ms at full load and 230VAC  
 Withstand voltage ..... I/P - O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC  
 Working temperature .....  $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$  (refer to output derating curve)  
 Safety standards ..... Design refer to UL60950-1  
 EMC standards ..... Design refer to EN55022 class B  
 Packing ..... 0.93kg ; 12pcs / 12kg / 0.92CUFT

Model No.	Output	Tol.	R&N	Effi.
NES-200-3.3	3.3V, 0~40A	$\pm 2\%$	150mV	75%
NES-200-5	5V, 0~40A	$\pm 2\%$	150mV	79%
NES-200-7.5	7.5V, 0~26.5A	$\pm 2\%$	150mV	82%
NES-200-12	12V, 0~16.5A	$\pm 1\%$	150mV	83%
NES-200-15	15V, 0~13.3A	$\pm 1\%$	150mV	85%
NES-200-24	24V, 0~8.3A	$\pm 1\%$	150mV	87%
NES-200-27	27V, 0~7.4A	$\pm 1\%$	200mV	87%
NES-200-36	36V, 0~5.6A	$\pm 1\%$	240mV	87%
NES-200-48	48V, 0~4.2A	$\pm 1\%$	240mV	88%