



● Features:

- 2:1 Wide Input Supply Range
- Built in EMI filter, Low ripple noise
- Protections: Short Circuit / Over load / Over voltage / Over Temperature
- Miniature size, high power density
- High efficiency, long life and high reliability
- 100% Full Load Burn in test.

General Specification (Please refer to www.nuteckproducts.com for detail spec.)

Model no.	D9	D18	D36	D60	D120	D240	D480
AC Input Voltage range	72 - 144VDC			72 - 144VDC			
AC inrush Current (max)	Cold start, 30A at 230VAC						
DC adjustment range	+/- 10% by potential meter for single output						
Overload protection	>105%, Hiccup mode, Auto recovery						
Over voltage protection	115 ~ 135 %, Hiccup mode, Auto recovery						
Withstand voltage	I/P-O/P : 2KVAC , I/P-Earth : 1.5KVAC , O/P-Earth : 500VDC.						
Working temperature	-5DegC to 55DegC.						
Vibration	10 to 500Hz, 2G, 20min/sweep, peroid-1Hr, Each along X, Y, Z axes.						
Safety standards	Designed to meet UL60950-1						
EMC standards	Designed to meet EN55011						
Connections	Terminal block for input and output						
Dimension (LxWxH)(mm)	99x64x38	124x73x38	132x78x47	148x83x57	157x93x72	20x135.5x72	284x223x72
Case no.	NP-05	NP-04	NP-03	NP-02	NP-01	NP-08	NP-09

9W- Single Output					18W- Single Output				
Model no.	Output	Tol.	R&N	Effi.	Model no.	Output	Tol.	R&N	Effi.
D9D-5	5V, 0~2A	+/-1%	80mV	>77%	D18D-05	5V, 0~3.6A	+/-1%	80mV	>80%
D9D-12	12V, 0~0.75A	+/-1%	120mV	>80%	D18D-12	12V, 0~1.5A	+/-1%	120mV	>80%
D9D-24	24V, 0~0.375A	+/-1%	120mV	>80%	D18D-24	24V, 0~0.75A	+/-1%	200mV	>80%
D9D-48	48V, 0~0.2A	+/-1%	200mV	>80%	D18D-48	48V, 0~0.375A	+/-1%	200mV	>80%

36W- Single Output					60W- Single Output				
Model no.	Output	Tol.	R&N	Effi.	Model no.	Output	Tol.	R&N	Effi.
D36D-05	5V, 0~10A	+/-1%	80mV	>80%	D60D-12	12V, 0~5A	+/-1%	120mV	>80%
D36D-12	12V, 0~3A	+/-1%	120mV	>80%	D60D-24	24V, 0~2.5A	+/-1%	200mV	>80%
D36D-24	24V, 0~1.5A	+/-1%	200mV	>80%	D60D-48	48V, 0~1.25A	+/-1%	200mV	>80%
D36D-48	48V, 0~0.75A	+/-1%	200mV	>80%					

120W- Single Output					240W- Single Output				
Model no.	Output	Tol.	R&N	Effi.	Model no.	Output	Tol.	R&N	Effi.
D120D-12	12V, 0~10A	+/-1%	120mV	>80%	D240D-12	12V, 0~20A	+/-1%	200mV	>80%
D120D-24	24V, 0~5A	+/-1%	200mV	>80%	D240D-24	24V, 0~10A	+/-1%	200mV	>80%
D120D-48	48V, 0~2.5A	+/-1%	200mV	>80%	D240D-48	48V, 0~5A	+/-1%	200mV	>80%

480W- Single Output				
Model no.	Output	Tol.	R&N	Effi.
D480D-12	12V, 0~40A	+/-1%	200mV	>80%
D480D-24	24V, 0~20A	+/-1%	200mV	>80%
D480D-48	48V, 0~10A	+/-1%	200mV	>80%