

Specification

No.	Items	Unit	Model : NLS10000-160
			Vo
1	Nominal Output Voltage	V	160
2	Maximum Output Current	A	62.5
3	Minimum Output Current	A	0
4	Max Output Power	W	10000
5	Efficiency(Typ) (*1)	%	90
6	Input Voltage & Frequency Range	-	324 ~ 458Vac, 3 Phase - 4 Wire : "Wye" + Ground, 47 ~ 63Hz
7	Input Current (max)	A/P	30 @ Vin = 347Vac @ 60Hz
8	Inrush Current (typ) (*2)	A/P	30 @ Cold Start
9	Power Factor (typ) (*2)	-	0.99
10	Ripple & Noise (max) (*3)	% p-p	1.6
11	Line Regulation (max) (*4)	%	± 0.25
12	Load Regulation (max) (*5)	%	± 0.25
13	Temperature Coefficient (max) (*6)	% / °C	± 0.02
14	Over Current Protection (min) (*7)	%	102
15	Over Voltage Protection (*8)	V	176 ~ 192
16	Remote Sensing	-	Yes
17	Over Temperature Protection (*8)	-	Yes
18	Turn On Time (max) (*9)	s	2
19	Remote ON/OFF (*10)	-	Yes
20	Power Fail Signal (Loss Of AC) (*11)	-	Yes
21	Output Power Good (Loss Of DC Output) (*12)	-	Yes
22	Operating Temperature, Humidity	°C, %RH	0~+50, 20~95 (Non-condensing)
23	Storage Temperature, Humidity	°C, %RH	-25~+85, 20~95 (Non-condensing)
24	Cooling	-	Internal Forced Air
25	Withstand Voltage	-	Input - Output ... 2121VDC 5sec. Input - Chassis ... 2121VDC 5sec.
26	EMI (Radiated & Conducted Emission)	-	Designed to meet EN55022, Level A
27	Safety Standard	-	UL60950-1, CSA60950-1 & EN60950-1
28	Weight	kg	< 30
29	Size (W x H x D) (*13)	inch	17.1 x 5.21 x 23.1 (Refer to outline drawing)
		mm	435 x 133 x 587 (Refer to outline drawing)
30	Warranty	-	1 year

Note :

- *1. At Vin = 400VAC, 80% output power (unless otherwise specified) & Ta=25°C.
- *2. At Vin = 400VAC, maximum output power (unless otherwise specified) & Ta=25°C.
- *3. Bandwidth of scope : 50MHz.
- *4. From Vin = 324 ↔ 458Vac, constant load.
- *5. From 0% load ↔ 100% load, constant input voltage.
- *6. From Ta = 0 → 50°C.
- *7. Constant current limit with automatic recovery.
- *8. Output shut down & to be reset by AC re-cycle.
- *9. Measure from the time AC is turn on.
- *10. More than 2V or open circuit will inhibit the supply. Less than 0.5V will enable the supply.
- *11. Upon loss of AC line, signal pulls low before loss of output regulation. LED on is AC good & off is fault condition.
- *12. Signal pulls low when output drops more than 15% ± 5% of the nominal. LED on is DC good & off is fault condition.
- *13. Exclude front mounting ears & DC output stud.