









(NGE18I)

(NGE18E)

(NGE18U)















































Features

- MEAN WELL Patent Application Number: 202330347779.4
- Interchangeable AC plugs (I-Type)
- · Global certificates in multi-fields (ITE 62368-1, Medical 60601-1, Household 60335-1, Industrial 61558-1/-2-16)
- 80~264Vac Universal AC input
- Ultra slim(28mm)
- No load power consumption < 0.075W
- Energy efficiency Level VI
- Class II power (no earth pin)
- Protections: Short circuit / Overload / Over voltage
- · Pass LPS
- Extremely low leakage current <100uA
- -30°C ~+70°C wide range working temperature
- Various DC plug quick adapter accessory available (Plug kit sold sperately, please refer to: https://www.meanwell.com/upload/pdf/DC plug.pdf)
- · 3 years warranty

Applications

- Consumer electronic devices
- Telecommunication devices
- · Office facilities
- Industrial equipments
- Medical devices
- · Household devices

GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

Description

NGE18 is a highly reliable, 18W wall-mounted style single-output green adaptor series, which is compact and convenient for carry. This product is equipped with 7 types of interchangeable AC plug (European, USA,U.K., Australian, China, Korea and India type) that makes it very suitable for travel use. NGE18 is a Class II power unit (no FG), accepting the input range from 80VAC to 264VAC that it can satisfy the demands for various types of electrical devices.

With the working efficiency up to 88% and the extremely low no-load power consumption below 0.075W, NGE18 is compliant with the latest USA energy regulation EISA 2007/DoE, Canada NRCan, Australia and New Zealand MEPS, Korea KMEPS, EU ErP and CoC version5. The supreme feature allows the adaptor to save the energy when it is under either the operating mode or the standby mode. The entire series is approved for ITE, medical household and industrial appliance safety regulations; moreover, it adopts the 94V-0 flame retardant plastic case that it can effectively prevent users from electric hazard.

■ Model Encoding



CDECHEIOATION		NGE18 05-P1J	NGE18 () 09-P1J	NGE18 () 12-P1J	NGE18 () 15-P1J	NGE18 () 18-P1J	NGE18 () 24-P1J			
SPECIFICATION		○ = I, U, E				-				
OUTPUT										
DC VOLTAGE	Note.2	5V	9V	12V	15V	18V	24V			
RATED CURRENT		3A	2A	1.5A	1.2A	1A	0.75A			
CURRENT RANGE		0 ~ 3A	0 ~ 2A	0 ~ 1.5A	0 ~ 1.2A	0 ~ 1A	0 ~ 0.75A			
RATED POWER		15W	18W	18W	18W	18W	18W			
RIPPLE & NOISE (max.)	Note.3	60mVp-p	100mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p			
VOLTAGE TOLERANCE	Note.4	±5.0%	±5.0%	±3.0%	±3.0%					
LINE REGULATION	Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
LOAD REGULATION	Note.6	±5.0%	5.0%							
SETUP, RISE, HOLD UP TI	ME	1500ms, 30ms, 30m	s / 230VAC 300	oms, 30ms, 10ms / 115	VAC at full load					
INPUT										
VOLTAGE RANGE	Note.7	80 ~ 264VAC 1	13 ~ 370VDC							
FREQUENCY RANGE		47 ~ 63Hz								
EFFICIENCY (Typ.)		82%	87.5%	87%	87%	88%	88%			
AC CURRENT		0.4A / 115VAC 0	.25A / 230VAC							
INRUSH CURRENT (max.)		COLD START 40A /	115VAC 80A / 230\	'AC						
LEAKAGE CURRENT (max	ĸ.)	Touch current < 100	uA (rms) @264VAC							
PROTECTION										
OVERLOAD		110% ~ 150% rated								
OVERLUAD			•	automatically after fa	ult condition is remov	ed				
OVER VOLTAGE		115% ~ 140% rated	output voltage							
OTER TOLINGE		Protection type : CI	amp by zener diode							
ENVIRONMENT										
WORKING TEMP.		-30 ~ +70°C (Refer t	to "Derating Curve")							
WORKING HUMIDITY		20% ~ 90% RH non-	condensing							
STORAGE TEMP., HUMIDI	ΓY	-20 ~ +85°C, 10 ~ 95	5% RH non-condensir	g						
TEMP. COEFFICIENT		±0.03% / °C (0 ~ 45°	<u> </u>							
VIBRATION		10 ~ 500Hz, 2G 10m	nin./1cycle, period for	60min. each along X, Y	, Z axes					
SAFETY & EMC	Note.8	CB IEC62368								
SAFETY STANDARDS		UL UL62368-1, CSA C22.2 NO. 62368-1, ANSI/AAMI ES60601-1/-1-11(3.2 Version), CAN/CSA-C22.2 NO.60601-1/-1-11 ANSI/AAMI ES60601-1-11, CAN/CSA-C22.2 NO.60601-1-11(for U Type only) DEKRA BS EN/EN62368-1, BS EN/EN60601-1/-1-11, BS EN/EN61558-1/-2-16, BS EN/EN60335-1; PSE J62368-1; BSMI CNS15598-1; RCM AS/NZS 61558-1/-2-16; EAC TPTC004; CCC GB4943.1 approved. KC KC62368-1; BIS IS13252(part1):2010/IEC60950-1:2005.								
		RCM AS/NZS 61 CCC GB4943.1: KC KC62368-1 BIS IS13252(ps	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. I; art1):2010/IEC60950	PTC004; -1:2005.	EN61558-1/-2-16, BS					
WITHSTAND VOLTAGE		RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(page) (Please refer to ne)	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. l;	PTC004; -1:2005.	EN61558-1/-2-16, BS					
WITHSTAND VOLTAGE	-	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(pi (Please refer to ne)	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 kt page for more deta	PTC004; -1:2005. lls)	EN61558-1/-2-16, BS					
WITHSTAND VOLTAGE ISOLATION RESISTANCE	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta	PTC004; -1:2005. lls)	EN61558-1/-2-16, BS	EN/ÉN60335-1;				
	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/500VDC / 25°C / 70° Standard	PTC004; 1:2005. ils) % RH		EN/ÉN60335-1; Test Level / Note				
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; cart1):2010/IEC60950 tt page for more deta 500VDC / 25°C / 70° Standard BS EN/EN8	PTC004; -1:2005. lls))11 , FCC Part15 ,	EN/ÉN60335-1;				
	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. I; art1):2010/IEC60950 tt page for more deta 57500VDC / 25°C / 70° Standard BS EN/EN8 CNS15936 BS EN/EN8	PTC004; I-1:2005. Ills) % RH IS032(CISPR32)/EN550	011 , FCC Part15 , 109832 111 , FCC Part15 ,	EN/ÉN60335-1; Test Level / Note				
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(pi (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. I; art1):2010/IEC60950 tt page for more deta 57500VDC / 25°C / 70° Standard BS EN/EN8 CNS15936 BS EN/EN8	PTC004; 1-1:2005. 18) 18 RH 18 RH	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B				
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. I; art1):2010/IEC60950 tt page for more deta 57500VDC / 25°C / 70° Standard BS EN/ENS CNS15936 BS EN/ENS CNS15936	PTC004; 1-1:2005. 18) 18 RH 18 RH	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B				
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p: (Please refer to nex) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/500VDC / 25°C / 70° Standard BS EN/ENS CNS15936 BS EN/ENS CNS15936 BS EN/ENS	PTC004; I-1:2005. IIs) % RH IS5032(CISPR32)/EN550; GB/T 9254.1-2021, KC IS5032(CISPR32)/EN550; GB/T 9254.1-2021, KC I000-3-2	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class A	el 4,8KV contact			
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p: (Please refer to nex) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; cart1):2010/IEC60950 tt page for more deta i/500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 BS EN/EN6	PTC004; I-1:2005. IIs) % RH IIS IIS IIS IIS IIS IIS IIS IIS IIS IIS	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level /Note	el 4,8KV contact			
ISOLATION RESISTANC	Ε	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(pi (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; cart1):2010/IEC60950 tt page for more deta i/500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 BS EN/EN6	PTC004; 1-1:2005. Ils) % RH 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level	el 4,8KV contact			
ISOLATION RESISTANC	Ε	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(pi (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 BS EN/EN6	PTC004; I-1:2005. IIs) % RH IIS 5032(CISPR32)/EN550; GB/T 9254.1-2021, KC IIS 5032(CISPR32)/EN550; GB/T 9254.1-2021, KC IIO00-3-2	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level Level 2, 3V/m	el 4,8KV contact			
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(pi (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts	BSMI CNS15598-1; 558-11-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 BS EN/EN6 BS EN/EN6	PTC004; I-1:2005. IIs) % RH IIS 5032(CISPR32)/EN550; GB/T 9254.1-2021, KC IIS 5032(CISPR32)/EN550; GB/T 9254.1-2021, KC IIO00-3-2 IIO00-4-2 IIO00-4-3 IIO00-4-4 IIO00-4-5	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV	el 4,8KV contact			
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p: (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta 3/500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2 1000-4-2 1000-4-3 1000-4-3 1000-4-5 1000-4-6	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N	el 4,8KV contact			
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; cart1):2010/IEC60950 tt page for more deta S / 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6	PTC004; 1-1:2005. IIs) % RH 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2 1000-4-2 1000-4-3 1000-4-4 1000-4-5 1000-4-6 1000-4-8	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods	s, 30% dip 25 periods,			
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. I; i; art1):2010/IEC60950 tt page for more deta Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6	PTC004; 1-1:2005. IIs) % RH 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2 1000-4-2 1000-4-3 1000-4-4 1000-4-5 1000-4-6 1000-4-8	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m	s, 30% dip 25 periods,			
EMC EMISSION EMC IMMUNITY OTHERS	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; cart1):2010/IEC60950 tt page for more deta S / 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6	PTC004; 1-1:2005. IIs) % RH 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2 1000-4-2 1000-4-3 1000-4-4 1000-4-5 1000-4-6 1000-4-8	011 , FCC Part15 , 109832 111 , FCC Part15 ,	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods	s, 30% dip 25 periods,			
EMC EMISSION EMC IMMUNITY OTHERS	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; cart1):2010/IEC60950 tt page for more deta S / 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2 1000-4-2 1000-4-3 1000-4-4 1000-4-5 1000-4-6 1000-4-8	011 , FCC Part15 , C9832 011 , FCC Part15 , C9832	Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods	s, 30% dip 25 periods, 50 periods			
ISOLATION RESISTANC	E	RCM AS/NZS 61 CCC GB4943.1 KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit Voltage dips , interrup	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 15032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-3-2 1000-4-2 1000-4-3 1000-4-4 1000-4-5 1000-4-6 1000-4-8	011 , FCC Part15 , C9832 011 , FCC Part15 , C9832	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods >95% interruptions 25	s, 30% dip 25 periods, 50 periods			
EMC EMISSION EMC IMMUNITY OTHERS MTBF DIMENSION	E MAIN BODY	RCM AS/NZS 61 CCC GB4943.1. KC KC62368-1 BIS IS13252(p: (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit Voltage dips , interrup	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH I55032(CISPR32)/EN550; GB/T 9254.1-2021, KC I55032(CISPR32)/EN550; GB/T 9254.1-2021, KC I000-3-2 I000-4-2 I000-4-3 I000-4-4 I000-4-5 I000-4-6 I000-4-8 I000-4-11 C) 7192.4 Khrs	011 , FCC Part15 , C9832 011 , FCC Part15 , C9832	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods >95% interruptions 28	s, 30% dip 25 periods, 50 periods			
EMC EMISSION EMC IMMUNITY OTHERS MTBF		RCM AS/NZS 61 CCC GB4943.1. KC KC62368-1 BIS IS13252(p: (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit Voltage dips , interrup	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH I55032(CISPR32)/EN550; GB/T 9254.1-2021, KC I55032(CISPR32)/EN550; GB/T 9254.1-2021, KC I000-3-2 I000-4-2 I000-4-3 I000-4-4 I000-4-5 I000-4-6 I000-4-8 I000-4-11 C) 7192.4 Khrs	min. Telcordia TR/S	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods >95% interruptions 28	s, 30% dip 25 periods, 50 periods			
EMC EMISSION EMC IMMUNITY OTHERS MTBF DIMENSION	MAIN BODY	RCM AS/NZS 61 CCC GB4943.1. KC KC62368-1 BIS IS13252(p) (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibility Voltage dips , interrup 1272.8 Khrs min. 48*28*55mm (L*W*I 112g; 96pcs/ 12.6Kg	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH I55032(CISPR32)/EN550; GB/T 9254.1-2021, KC I55032(CISPR32)/EN550; GB/T 9254.1-2021, KC I000-3-2 I000-4-2 I000-4-3 I000-4-4 I000-4-5 I000-4-6 I000-4-8 I000-4-11 C) 7192.4 Khrs	min. Telcordia TR/S	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods >95% interruptions 28	s, 30% dip 25 periods, 50 periods			
EMC EMISSION EMC IMMUNITY OTHERS MTBF DIMENSION PACKING	MAIN BODY	RCM AS/NZS 61 CCC GB4943.1. KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit Voltage dips , interrup 1272.8 Khrs min. 48*28*55mm (L*W*1 112g; 96pcs/ 12.6Kg Refer to Page 3	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta i/ 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH I55032(CISPR32)/EN550; IGB/T 9254.1-2021, KC IFF 9254.1	min. Telcordia TR/S	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods >95% interruptions 28	s, 30% dip 25 periods, 50 periods			
EMC EMISSION EMC IMMUNITY OTHERS MTBF DIMENSION PACKING DC OUTPUT CONNECTOR	MAIN BODY	RCM AS/NZS 61 CCC GB4943.1. KC KC62368-1 BIS IS13252(p; (Please refer to ne) I/P-O/P:4000VAC I/P-O/P:100M Ohms Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted susceptibil Magnetic field immunit Voltage dips , interrup 1272.8 Khrs min. 48*28*55mm (L*W*I 112g; 96pcs/ 12.6Kg Refer to Page 3	BSMI CNS15598-1; 558-1/-2-16; EAC T approved. i; art1):2010/IEC60950 tt page for more deta 3/500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6	PTC004; I-1:2005. IIs) % RH 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 55032(CISPR32)/EN550; GB/T 9254.1-2021, KC 1000-4-2 1000-4-2 1000-4-3 1000-4-4 1000-4-5 1000-4-6 1000-4-6 1000-4-11 C) 7192.4 Khrs Islxx/Uxx-P1J 12	min. Telcordia TR/S	Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 4, 30A/m >95% dip 0. 5 periods >95% interruptions 28	s, 30% dip 25 periods, 50 periods			

- 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient.
 2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.
 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 μ F & 47 μ F capacitor.
 4. Tolerance: includes set up tolerance, line regulation, load regulation.
 5. Line regulation is measured from low line to high line at rated load.
 6. Load regulation is measured from 0% to 100% rated load
 7. Derating may be needed under low input voltage. Please check the derating curve for more details.

- 8. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."

 (as available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf)
- 9.Design meet US DoE Level VII (from Docket number EERE-2020-BT-STD-0006).
- ※ Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx



■ Interchangeable AC Plug Specifically for NGE12/18/30/45/65/90 (I-Type)

	NGE18Ixx-P1J (Universal Version)							NGE18Exx-P1J (EU Version)	NGE18Uxx-P1J (US Version)
Order NO.									
	Interchangeable Type (Unfoldable; AC Pin fixed)					Non-Interchangeable Type			
AC plug	EU	US	UK	AU	CN	KR	IN		
, to plug							Unfoldable AC Pin	Foldable AC Pin	
	CB PDEKRA A						CB DEKRA		
Certificate								EHIC€	est us FC

■ AC Plugs Accessory (Sold Seperately)

	5	Per Bag	Per Carton		
MW's order NO.	Per Unit	Q'Ty	Q'Ty	G.W.	
AC PLUG-EU4		30 pcs	300 pcs (10 bags)	5.4Kg	
AC PLUG-US4	&	30 pcs	300 pcs (10 bags)	4.7Kg	
AC PLUG-UK4		30 pcs	300 pcs (10 bags)	7.1Kg	
AC PLUG-AU4		30 pcs	300 pcs (10 bags)	5.2Kg	
AC PLUG-CN4	**	30 pcs	300 pcs (10 bags)	4.8Kg	
AC PLUG-KR4		30 pcs	300 pcs (10 bags)	6.3Kg	
AC PLUG-IN4		30 pcs	300 pcs (10 bags)	7.7Kg	
AC PLUG-MIX4	(Per Set)	30 pcs (5 Types*6 mixed bags)	300 pcs (5 Types*6 mixed bags) (10 bags)	5.45Kg	
AC PLUG-MIX5	(Per Set)	35 pcs (7 Types*5 mixed bags)	315 pcs (7 Types*5 mixed bags) (9 bags)	6.13Kg	



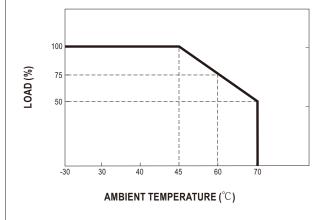
■ Interchangeable AC Plug Installation Steps (Convertible with I Type only)

Step1	Step2				
Slide in AC converter along the guided rail between the metal prongs until it is locked in (with a "click" sound).	Check if the new plug type is stable and correct before use.				

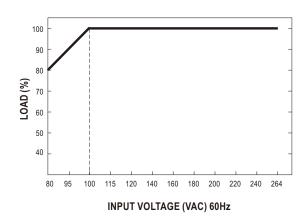
Note:

- 1. NGE18I main body unit and AC inlet plug should be ordered separately.
- 2. NGE18I needs to be used along with one of the AC inlet plug (EU,US,UK,AU,CN,KR,IN).

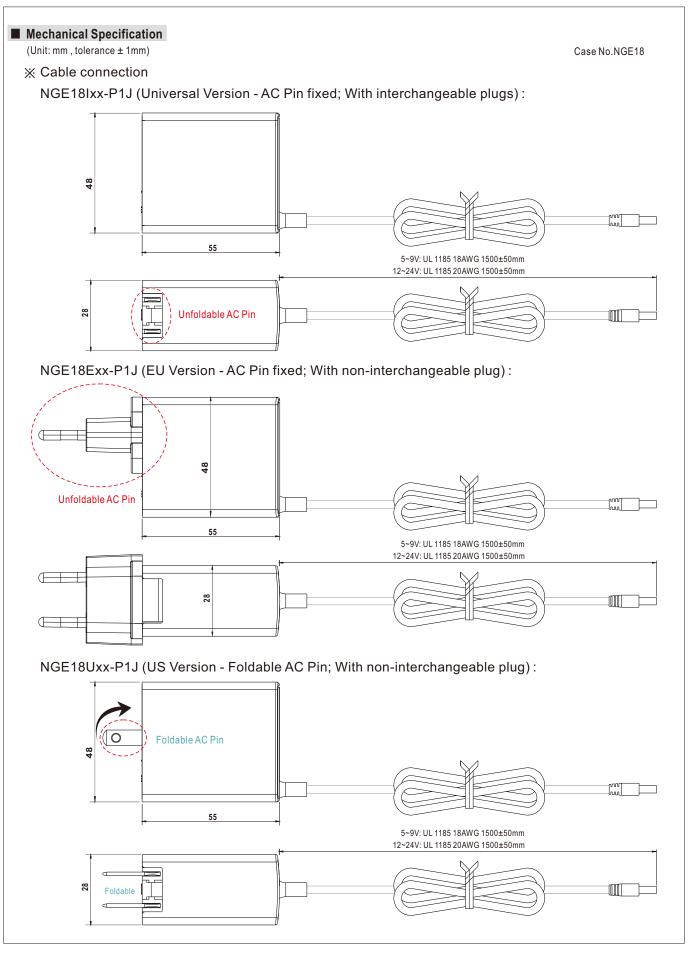
■ Derating Curve



■ Static Characteristics









■ DC Output Plug

O Standard plug: P1J

Unit:mm

P1J		Pin Assignment
5.5	11±0.5mm	Outside ⊖ ⊕ Inside

- O DC plug changeable through:
 - (1) Customization of the standard part with an optional DC plug according to the table (MOQ applicable)
 - (2) Quick adapter accessory (sold separately without MOQ) Please refer to below table and online selection guide: https://www.meanwell.com/upload/pdf/DC_plug.pdf

Example quick adapter accessory:



Optional DC plug: (Available in customized cable or quick adapter)

Tuning Fork Style			Type No.	Α	В	С	Quick Adapter
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OD	ID	L	Accessory
		_ C - 	P1I P1L	5.5	2.1	9.5	Available
				5.5	2.5	9.5	
Welling.	-A	(Straight)	P1M	5.5	2.5	11.0	
		C _	P1IR	5.5	2.1	9.5	
	- ∏-₽-		P1JR	5.5	2.1	11.0	(Current rating: 7.5A max.)
		(B: 14 1 - 1)	P1LR	5.5	2.5	9.5	
		(Right-angled)	P1MR	5.5	2.5	11.0	
Barrel Style			Type No.	Α	В	С	
			Type No.	OD	ID	L	
		(Straight)	P2I	5.5	2.1	9.5	
			P2J	5.5	2.1	11.0	None
			P2L	5.5	2.5	9.5	
	A		P2M	5.5	2.5	11.0	None
	Θ_{B}		P2IR	5.5	2.1	9.5	
_	7 -		P2JR	5.5	2.1	11.0	
			P2LR	5.5	2.5	9.5	
		(Right-angled)	P2MR	5.5	2.5	11.0	
	Lock S	tylo	Type No.	А	В	С	
	LUCK 3	tyle	турстчо.	OD	ID	L	
	Α	A Floating Locking C	P2S(S761K)	5.53	2.03	12.06	None
	B		P2K(761K)	5.53	2.54	12.06	INUITE
			P2C(S760K)	5.53	2.03	9.52	
- T		SWITCHCRAFT original or equivalent	P2D(760K)	5.53	2.54	9.52	



	- N	A		В	С	Quick Adapter	
Min. Pin Style	Type No.	OD		ID	L	Accessory	
. A. EC	P3A	2.35		0.7	11.0	Available	
	P3B	4.0		1.7	11.0	AVAIIADIE (Current rating: 5A max.)	
ElAJ equivalent	P3C	4.75		1.7	11.0	(Gurront runing, Graniux.)	
Contar Din Style	Type No	А	В	С	D		
Center Pin Style	Type No.	OD	ID	L	Center Pin		
A LA	P4A	5.5	3.4	11.0	1.0	Available	
	P4B	6.5	4.4	11.0	1.4	(Current rating: 7.5A max.)	
EIAJ equivalent	P4C	7.4	5.1	11.0	0.6		
Min. DIN 3 Pin with Lock (male)	Type No.	P	in Assi	gnment			
Willi. DIN 3 Pill Willi Lock (Illale)	Type No.	PIN No).	Outp	ut	Available	
		1		+Vo)		
	R6B	2		-Vo		(Current rating: 7.5A max.)	
KYCON KPPX-3P equivalent		3		+Vo)		
M: BIN (B: (1) ()	Tuno No	Pin Assignment					
Min. DIN 4 Pin with Lock (male)	Type No.	PIN No).	Output		Available (Current rating: 7.5A max.)	
		1		+Vo			
2 3	R7B	2		-Vo			
KYCON KPPX-4P equivalent	2	3		-Vo			
		4 +V(
Stripped and tinned leads	Type No.	Pin Assignment					
ompred and miner reads	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PIN No).	Output]	
1	by customer	1 (Ribbed	1)	+V()	None	
L1 Length of Land L1 by request (MW's standard length, L: <u>25</u> mm, L1: <u>10</u> mm)	by oddiomor	2 (Letter)	-Vo			

■ Installation Manual

Please refer to: http://www.meanwell.com/manual.html