









(NGE30I)

(NGE30E)

(NGE30U)



























- 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(30mm)
- No load power consumption < 0.075W
- Energy efficiency Level VI
- Class II power (no earth pin)
- Protections: Short circuit / Overload / Over voltage

Series name

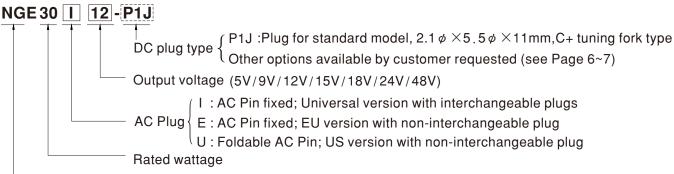
- · Pass LPS
- Extremely low leakage current <100uA
- -30°C ~+70°C wide range working temperature
- · Various DC plug quick adapter accessory available (Plug kit sold sperately, please refer to : https://www.meanwell.com/upload/pdf/DC plug.pdf)
- · 3 years warranty

Description

NGE30 is a highly reliable, 30W 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. NGE30 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 91.5% and the extremely low no-load power consumption below 0.075W, NGE30 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



Applications

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

GTIN CODE

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

30W AC-DC Reliable Wall-mounted Interchangeable Type Green Adaptor NGE 30 series

SDECIEICATION		NGE30 05-P1J	NGE30 09-P1	J NGE30 ◯12-P1J	NGE30 ○ 15-P1	J NGE30 ○ 18-I	P1J NGE30	P1J NGE30 ○ 48-I			
SPECIFICATION											
OUTPUT		1, 2, 2									
OC VOLTAGE	Note.2	5V	9V	12V	15V	18V	24V	48V			
RATED CURRENT		4A	3.33A	2.5A	2A	1.66A	1.25A	0.63A			
CURRENT RANGE		0 ~ 4A	0 ~ 3.33A	0 ~ 2.5A	0 ~ 2A	0 ~ 1.66A	0 ~ 1.25A	0 ~ 0.63A			
RATED POWER		20W	30W	30W	30W	30W	30W	30W			
RIPPLE & NOISE (max.)	Note.3	100mVp-p	100mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	240mVp-p			
. ,		±5.0%	±5.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%			
OLTAGE TOLERANCE	Note.4										
INE REGULATION	Note.5	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%			
OAD REGULATION	Note.6	±5.0%	±5.0%	±3.0%	±3.0%	±2.0%	±2.0%	±2.0%			
SETUP, RISE, HOLD UP TIN	/IE	1500ms, 30ms, 3	ums / 23uvac	3000ms, 30ms, 10)ms / 115Vac at ful	i load					
NPUT		20 2041	440 07014								
OLTAGE RANGE	Note.7	80 ~ 264Vac	113 ~ 370Vdc								
REQUENCY RANGE		47 ~ 63Hz	T		I			1			
FFICIENCY (Typ.)		82.5%	87.5%	88.5%	87%	88%	88.5%	91.5%			
AC CURRENT		1A / 115Vac 0	.6A / 230Vac								
NRUSH CURRENT (max.)		COLD START 35/	A / 115Vac 70A /	230Vac							
EAKAGE CURRENT (max)	Touch current < 10	OuA (rms) @264Va	ac							
ROTECTION											
		110% ~ 150% rate	ed output power								
OVERLOAD				, recovers automatical latch off o/p voltage,							
OVER VOLTAGE		110% ~ 140% rate Protection type :		iode							
ENVIRONMENT											
VORKING TEMP.		-30 ~ +70°C (Refe	er to "Derating Cur	ve")							
VORKING HUMIDITY		20% ~ 90% RH no	n-condensing	·							
STORAGE TEMP., HUMIDIT	Υ	-20 ~ +85°C, 10 ~	95% RH non-cond	densina							
TEMP. COEFFICIENT		±0.03% / °C (0 ~ 4									
/IBRATION		,		od for 60min. each a	ong X V 7 ayes						
SAFETY & EMC	Note.8	10 000112, 20 10	Jillii., reyele, perie	od for domini. Cacir a	ong X, 1, 2 axcs						
		ANSI/AA DEKRA BS EN/E	MI ES60601-1-11 N62368-1, BS EN	I, CAN/CSA-C22.2 I/EN60601-1/-1-11,	NO.60601-1-11(ḟd	or U Type only)	\N/CSA-C22.2 NO. I/EN60335-1;	60601-1;			
SAFETY STANDARDS		ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZS CCC GB4943. KC KC62368 BIS IS13252(.MI ES60601-1-11 N62368-1, BS EN I; BSMI CNS155 61558-1/-2-16; E/ 1 approved; I-1; (part1):2010/IEC6	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005.	NO.60601-1-11(ḟd	or U Type only)		60601-1;			
		ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZS CCC GB4943. KC KC62368 BIS IS13252((Please refer to n	.MI ES60601-1-11 N62368-1, BS EN I; BSMI CNS155 61558-1/-2-16; E/ 1 approved; I-1; (part1):2010/IEC6	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005.	NO.60601-1-11(ḟd	or U Type only)		60601-1;			
WITHSTAND VOLTAGE		ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZS I CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac	MI ES60601-1-1' N62368-1, BS EN 1; BSMI CNS155' 61558-1/-2-16; E/ 1 approved; 1-1; part1):2010/IEC6' ext page for more	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005. details)	NO.60601-1-11(ḟd	or U Type only)		60601-1;			
WITHSTAND VOLTAGE		ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZS CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac	MI ES60601-1-1* N62368-1, BS EN 1; BSMI CNS15; 61558-1/-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005. details)	NO.60601-1-11(ḟd	or U Type only) -1/-2-16, BS EN	I/EN60335-1;	60601-1;			
SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE	Ī.	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZS I CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac	MI ES60601-1-1* N62368-1, BS EN 1; BSMI CNS156: 1558-1/-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more ms / 500VDC / 25*0 Stand BS E	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 50950-1:2005. details) C/70% RH dard N/EN55032(CISPR3	NO.60601-1-11(fic BS EN/EN61558-	or U Type only) -1/-2-16, BS EN		60601-1;			
WITHSTAND VOLTAGE	Ī.	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5' CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac	MI ES60601-1-1* N62368-1, BS EM: N62368-1, BS EM: STATE OF THE STATE O	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005. details)	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	To Part15 . C	I/EN60335-1;	60601-1;			
WITHSTAND VOLTAGE SOLATION RESISTANCE	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ5 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission	MI ES60601-1-1* N62368-1, BS EM: I; BSMI CNS1555 61558-1-2-16; E/ 1 approved; I-1; (part1):2010/IEC6 ext page for more ms / 500VDC / 25* Stanc BS E CNS*	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH Slard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C	est Level / Note	60601-1;			
WITHSTAND VOLTAGE SOLATION RESISTANCE	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZS CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission	MI ES60601-1-1* N62368-1, BS EM: I; BSMI CNS1555 61558-1-2-16; E/ 1 approved; I-1; (part1):2010/IEC6 ext page for more ms / 500VDC / 25* Stanc BS E CNS*	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	To Part15 , C	est Level / Note	60601-1;			
WITHSTAND VOLTAGE SOLATION RESISTANCE	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZS' CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current	MI ES60601-1-1* N62368-1, BS EN 1; BSMI CNS155! 61558-1/-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more Stanc BS E CNS BS E Stanc	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005. details) C/70% RH Jard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C. Part15 , C. T. T. C. T. C. T. C. T. T. T. T. T. T. T. C. T.	est Level / Note class B class A				
WITHSTAND VOLTAGE SOLATION RESISTANCE	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZS CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Harmonic current Parameter ESD	MI ES60601-1-1* N62368-1, BS EN 1; BSMI CNS1555 61558-1/-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more ms / 500VDC / 25% Stann BS E CNS* BS EI Stann BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-2	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C. Part15 , C. C. Tr. L.	est Level / Note class B class B class A cest Level /Note evel 4, 15KV air; Leve				
WITHSTAND VOLTAGE SOLATION RESISTANCE	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5' CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS1558 61558-11-2-16; E/ 1 approved; i-1; part1):2010/IEC6 ext page for more MS / 500VDC / 25* Stanc BS E CNS* BS EI Stanc BS EI BS	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-2 N/EN61000-4-3	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C. Part15 , C. L. L. L.	est Level / Note class B class B class A cest Level /Note evel 4, 15KV air; Leve evel 2, 3V/m				
VITHSTAND VOLTAGE SOLATION RESISTANCE	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ5 CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS1559 61558-11-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more MS / 500VDC / 25* Stanc BS E CNS* BS E CNS* BS EI ity BS EI BS	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 60950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-2 N/EN61000-4-3 N/EN61000-4-4	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C. Part15 , C. L. L. L. L.	est Level / Note class B class B class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV				
WITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION	<u> </u>	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ5 CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility	MI ES60601-1-1* N62368-1, BS EN IF, BSMI CNS1559 61558-11-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more MS / 500VDC / 25* Stanc BS E CNS* BS E CNS* BS EI ity BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-3 N/EN61000-4-5	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C Part15 , C Li Li Li Li	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV evel 3, 1KV/L-N				
VITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION	.	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ51 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS155: 61558-11-2-16; E/ 1 approved; i-1; part1):2010/IEC6 ext page for more Stanc BS E CNS: BS E Stanc BS EI BS E	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-3 N/EN61000-4-5 N/EN61000-4-6	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C Part15 , C L L L L	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV evel 3, 1KV/L-N evel 2, 3V				
WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION		ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ5 CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS155: 61558-11-2-16; E/ 1 approved; i-1; part1):2010/IEC6 ext page for more Stanc BS E CNS: BS E Stanc BS EI BS E	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-3 N/EN61000-4-5	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C Part15 , C L L L L L	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV evel 3, 1KV/L-N evel 2, 3V evel 2, 3V	Il 4,8KV contact			
VITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION	.	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ51 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti	MI ES60601-1-1* N62368-1, BS EN IF, BSMI CNS1555 1558-1-1-2-16; E/ 1 approved; 1-1; (part1):2010/IEC6 ext page for more Stance BS E CNS BS E CNS BS EI Stance BS EI BS	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-3 N/EN61000-4-5 N/EN61000-4-6	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C Part15 , C L L L L L	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV evel 3, 1KV/L-N evel 2, 3V evel 2, 3V evel 2, 3V evel 2, 3V	I 4,8KV contact			
VITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION MC IMMUNITY		ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5C CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:100M Ohr Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu	MI ES60601-1-1* N62368-1, BS EN IF, BSMI CNS1555 1558-1-1-2-16; E/ 1 approved; 1-1; (part1):2010/IEC6 ext page for more Stance BS E CNS BS E CNS BS EI Stance BS EI BS	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-4 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8	NO.60601-1-11(fic BS EN/EN61558- 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC	Tr. Part15 , C Part15 , C L L L L L	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV evel 3, 1KV/L-N evel 2, 3V evel 2, 3V	I 4,8KV contact			
WITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION MC IMMUNITY		ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ51 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , interre	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS155: 61558-11-2-16; E/ 1 approved; i-1; part1):2010/IEC6 ext page for more MS / 500VDC / 25* Stanc BS E CNS: BS EI BS	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-4-2 N/EN61000-4-3 N/EN61000-4-4 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8 N/EN61000-4-8 N/EN61000-4-11	2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L L L L L S	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	Il 4,8KV contact 30% dip 25 periods 0 periods			
WITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION MC IMMUNITY OTHERS		ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ51 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , interre	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS155: 61558-11-2-16; E/ 1 approved; i-1; part1):2010/IEC6 ext page for more MS / 500VDC / 25* Stanc BS E CNS: BS EI BS	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-4-2 N/EN61000-4-3 N/EN61000-4-4 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8 N/EN61000-4-8 N/EN61000-4-11	2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L L L L L S	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 2KV evel 3, 1KV/L-N evel 2, 3V evel 2, 3V evel 2, 3V evel 2, 3V	Il 4,8KV contact 30% dip 25 periodi 0 periods			
WITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION MC IMMUNITY OTHERS		ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , intern 1078.6 Khrs min. 62*30*65mm (L*V	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS1558 1558-11-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more Stanc BS E BS E CNS BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-2 N/EN61000-4-5 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8 N/EN61000-4-11 F (25°C) 758	2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L.	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V/m evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	, 30% dip 25 period 0 periods			
WITHSTAND VOLTAGE SOLATION RESISTANCE	MAIN BODY	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5C CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , intern 1078.6 Khrs min. 62*30*65mm (L*V 148g; 60pcs/ 10.5	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS1558 1558-11-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more Stanc BS E BS E CNS BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-4-2 N/EN61000-4-3 N/EN61000-4-4 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8 N/EN61000-4-8 N/EN61000-4-11	2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L.	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	, 30% dip 25 periods 0 periods			
WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY OTHERS ATBF DIMENSION PACKING		ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5 CCC GB4943. KC KC62368 BIS IS13252(CPlease refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , intern 1078.6 Khrs min. 62*30*65mm (L*V	MI ES60601-1-1* N62368-1, BS EN IF BSMI CNS1558 1558-11-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more Stanc BS E BS E CNS BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-2 N/EN61000-4-5 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8 N/EN61000-4-11 F (25°C) 758	2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L.	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V/m evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	, 30% dip 25 period 0 periods			
EMC IMMUNITY OTHERS ATBF DIMENSION PACKING OC OUTPUT CONNECTOR	MAIN BODY	ANSI/AA DEKRA BS EN/E PSE J62368-' RCM AS/NZ5' CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibility EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , intern 1078.6 Khrs min. 62*30*65mm (L*V 148g; 60pcs/ 10.5 Refer to Page 3	MI ES60601-1-1* N62368-1, BS EN N62368-1, BS EN 1; BSMI CNS155: 61558-1/-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more ms / 500VDC / 25* Stanc BS E CNS BS EI Stanc BS EI ity BS EI ity BS EI ity BS EI ity BS EI mity BS EI mity BS EI uption BS EI MIL-HDBK-217 V*H) Kg / 0.94CUFT for	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-5 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-11 F (25°C) 758	2)/EN55011 , FCC 20/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832 7.5 Khrs min. T	Tr. Part15 , C Part15 , C L.	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V/m evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	, 30% dip 25 period 0 periods			
MITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY OTHERS ATBF DIMENSION PACKING OC OUTPUT CONNECTOR PLUG	MAIN BODY	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ51 CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , intern 1078.6 Khrs min. 62*30*65mm (L*V 148g; 60pcs/ 10.5 Refer to Page 3	MI ES60601-1-1* N62368-1, BS EM I ESMI CNS1558 1558-17-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more Stance BS E BS E CNS* BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-2 N/EN61000-4-4 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-8 N/EN61000-4-11 F (25°C) T 58	2)/EN55011 , FCC 20/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L.	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V/m evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	, 30% dip 25 period 0 periods			
EMC IMMUNITY OTHERS ATBF DIMENSION PACKING OC OUTPUT CONNECTOR	MAIN BODY	ANSI/AA DEKRA BS EN/E PSE J62368- RCM AS/NZ51 CCC GB4943. KC KC62368 BIS IS13252((Please refer to n I/P-O/P:4000Vac I/P-O/P:100M Ohr Parameter Conducted emission Harmonic current Parameter ESD RF field susceptibil EFT bursts Surge susceptibility Conducted suscepti Magnetic field immu Voltage dips , intern 1078.6 Khrs min. 62*30*65mm (L*V 148g; 60pcs/ 10.5 Refer to Page 3	MI ES60601-1-1* N62368-1, BS EM I ESMI CNS1558 1558-17-2-16; E/ 1 approved; 1-1; part1):2010/IEC6 ext page for more Stance BS E BS E CNS* BS EI	I, CAN/CSA-C22.2 I/EN60601-1/-1-11, 98-1; AC TPTC004; 80950-1:2005. details) C/70% RH dard N/EN55032(CISPR3 15936, GB/T 9254.1- N/EN61000-3-2 dard N/EN61000-4-3 N/EN61000-4-5 N/EN61000-4-5 N/EN61000-4-6 N/EN61000-4-11 F (25°C) 758	2)/EN55011 , FCC 20/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832 2)/EN55011 , FCC 2021, KC C9832	Tr. Part15 , C Part15 , C L.	est Level / Note Class B Class B Class A est Level /Note evel 4, 15KV air; Leve evel 2, 3V/m evel 3, 1KV/L-N evel 2, 3V/m evel 2, 3A/m 95% dip 0. 5 periods 95% interruptions 25	, 30% dip 25 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).

 3. Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx
- * 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)

Order NO.	NGE30Ixx-P1J (Universal Version)							NGE30Exx-P1J (EU Version)	NGE30Uxx-P1J (US Version)	
	Interchangeable Type (Unfoldable; AC Pin fixed)						Non-Interchangeable Type			
AC plug	E	US 🗳	UK	AU	CN	KR	IN	Unfoldable AC Pin	Foldable AC Pin	
Certificate			kra 🛕					CB ≥DEKRA [H[C €	CBA © c Uus RESTOR	

■ 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	



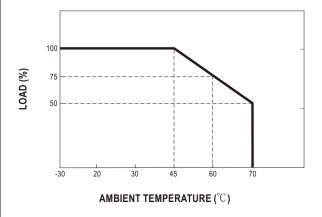
■ Interchangeable AC Plug Installation Steps (Convertible with I Type only)

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.					

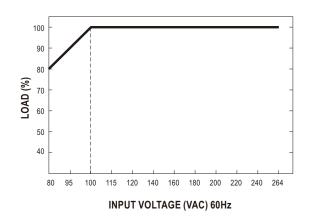
Note:

- 1. NGE30I main body unit and AC inlet plug should be ordered separately.
- 2. NGE30I needs to be used along with one of the AC inlet plug (EU,US,UK,AU,CN,KR,IN).

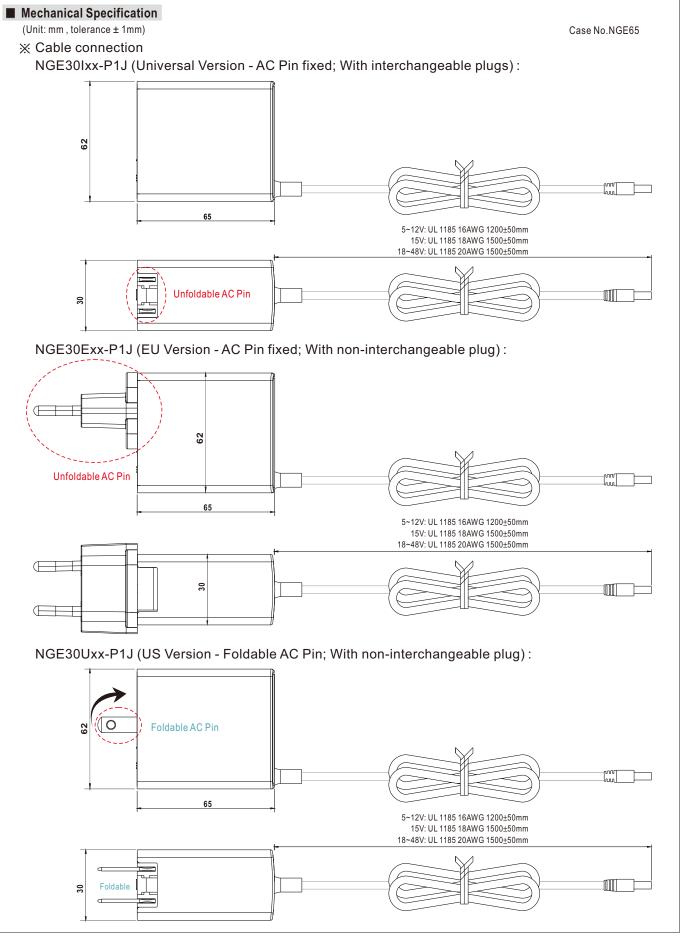
■ Derating Curve



■ Static Characteristics





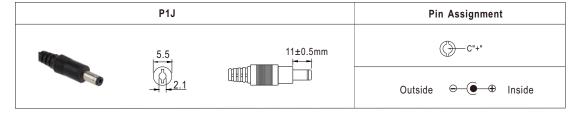




■ DC Output Plug

O Standard plug: P1J

Unit:mm



- 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	5.5	2.1	9.5			
			P1L	5.5	2.5	9.5			
We have	- A-	(Straight)	P1M	5.5	2.5	11.0	Available		
		_ _C	P1IR	5.5	2.1	9.5			
	- M-₽		P1JR	5.5	2.1	11.0	(Current rating: 7.5A max.)		
		(B: alst association)	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			
	A B	C C	P2I	5.5	2.1	9.5			
			P2J	5.5	2.1	11.0			
			P2L	5.5	2.5	9.5	None		
		B	(Straight)	P2M	5.5	2.5	11.0	None	
			В	(C)	P2IR	5.5	2.1	9.5	
					P2JR	5.5	2.1	11.0	
					P2LR	5.5	2.5	9.5	
	(Right-angled		P2MR	5.5	2.5	11.0			
Lock Style		Type No.	Α	В	С				
LOCK Style			Type No.	OD	ID	L			
—	A	Floating Locking	P2S(S761K)	5.53	2.03	12.06	None		
		B		P2K(761K)	5.53	2.54	12.06	INOHE	
				P2C(S760K)	5.53	2.03	9.52		
Ū		SWITCHCRAFT original or equivalent	P2D(760K)	5.53	2.54	9.52			



		A		В	С	Quick Adapter	
Min. Pin Style	Type No.	OD		ID	L	Accessory	
. A. C	P3A	2.35	(0.7	11.0	Available	
	P3B	4.0		1.7	11.0	(Current rating: 5A max.)	
EIAJ equivalent	P3C	4.75		.7 11.0		(Garron Taung Grinan)	
Center Pin Style	Type No.	Α	В	С	D		
Center Fin Style	Type No.	OD	ID	L	Center Pin		
LA 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.	Р	in Assi	gnment			
wiii. Din 3 Pili with Lock (male)	Type No.	PIN No		Outp	ut		
	R6B	1		+Vo		Available (Current rating: 7.5A max.)	
		2		-Vo			
KYCON KPPX-3P equivalent		3		+Vo)	1	
	Type No.	Pin Assignment					
Min. DIN 4 Pin with Lock (male)		PIN No		Output			
	R7B	1		+\/()	Available	
2 3 1111111 2 4		2		-Vo -Vo		(Current rating: 7.5A max.)	
KYCON KPPX-4P equivalent		3					
				+\(
Stripped and tinned leads	Type No.	Pin Assignment		ı			
оттрров вид виде в в в в в в в в в в в в в в в в в в в	71	PIN No		Outp	ut		
	by customer	1 (Ribbed)	+Vo -Vo		None	
L I Length of Land L1 by request (MW's standard length, L: <u>25</u> mm, L1: <u>10</u> mm)	3, 223.0	2 (Letter)				

■ Installation Manual

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