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- 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 < 0.1W
- Energy efficiency Level VI
- Class II power (no earth pin)
- Protections: Short circuit / Overload / Over voltage
- 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

NGE90 is a highly reliable, 90W 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.NGE90 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 92% and the extremely low no-load power consumption below 0.1W, NGE90 is compliant with the latest USA energy regulation EISA 2007/DoE, Canada NRCan, Australia and New Zealand MEPS, Korea KMEPS, EU ErP and CoC version 5. 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
- · Power sourcing equipment of PoE
- Medical devices
- · Household devices

GTIN CODE

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



90W AC-DC Reliable Wall-mounted Interchangeable Type Green Adaptor NGE90 series

| CDECIEIO ATION | | NGE90 ◯ 12-P1J | NGE90 15-P1J | NGE90 ○ 18-P1J | NGE90 ○ 24-P1J | NGE90 ○ 48-P1J | NGE90 ○ 55-P1 | |
|--|--|---|--|---|--|---|---|--|
| SPECIFICATION | | ○ = I, U, E | | · | - | | · | |
| OUTPUT | | | | | | | | |
| DC VOLTAGE | Note.2 | 12V | 15V | 18V | 24V | 48V | 55V | |
| RATED CURRENT | | 6.25A | 5.5A | 5A | 3.75A | 1.875A | 1.64A | |
| CURRENT RANGE | | 0 ~ 6.25A | 0 ~ 5.5A | 0 ~ 5A | 0 ~ 3.75A | 0 ~ 1.875A | 0 ~ 1.64A | |
| RATED POWER | | 75W | 82.5W | 90W | 90W | 90W | 90.2W | |
| RIPPLE & NOISE (max.) | Note.3 | 120mVp-p | 150mVp-p | 180mVp-p | 240mVp-p | 240mVp-p | 240mVp-p | |
| | | | | | | | | |
| VOLTAGE TOLERANCE | Note.4 | ±4.0% | ±4.0% | ±4.0% | ±3.0% | ±3.0% | ±3.0% | |
| INE REGULATION | Note.5 | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | ±1.0% | |
| OAD REGULATION | Note.6 | ±4.0% | ±4.0% | ±4.0% | ±3.0% | ±2.0% | ±2.0% | |
| SETUP, RISE, HOLD UP TIN | 1E | 1000ms, 60ms, 30r | ns / 230Vac | 1000ms, 60ms, 1 | ms / 115Vac at full loa | ad | | |
| NPUT | | | | | | | | |
| /OLTAGE RANGE | Note.7 | 80 ~ 264Vac 1° | 13 ~ 370Vdc | | | | | |
| REQUENCY RANGE | | 47 ~ 63Hz | | | | | | |
| EFFICIENCY (Typ.) | | 90% | 91% | 91.5% | 92% | 92% | 92% | |
| AC CURRENT | | 1.8A / 115Vac 0.9 | 9A / 230Vac | | | | | |
| NRUSH CURRENT (max.) | | COLD START 50A / | 115Vac 100A / 230V | /ac | | | | |
| EAKAGE CURRENT (max | .) | Touch current < 100 | | | | | | |
| ROTECTION | <u>, </u> | | () @ | | | | | |
| KOTEOTION | | 105% ~ 160% rated | output nower | | | | | |
| OVERLOAD | | Protection type : 12~ | 24V Hiccup mode, rec | overs automatically after tch off o/p voltage, re-p | er fault condition is remo | oved. | | |
| | | 12.6 ~ 16.2 | 15.8 ~ 20.3 | 19.8 ~ 24.3 | 26.4 ~ 32.4 | 52.8 ~ 64.8 | 60.5 ~ 74.2 | |
| OVER VOLTAGE | | | 1 | re-power on to recover | | | | |
| NVIRONMENT | | 71 | | | | | | |
| WORKING TEMP. | | -30 ~ +70°C (Refer t | o "Derating Curve") | | | | | |
| VORKING HUMIDITY | | 20% ~ 90% RH non- | | | | | | |
| | v | | 5% RH non-condensing | n | | | | |
| STORAGE TEMP., HUMIDIT | 1 | - | | 9 | | | | |
| TEMP. COEFFICIENT | | ±0.03% / °C (0 ~ 45 | <u>()</u> | | | | | |
| | | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes | | | | | | |
| | | 10 ~ 500Hz, 2G 10m | in./1cycle, period for 6 | 0min. each along X, Y, | Z axes | | | |
| | Note.8 | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 | | e only) ̈ | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS | Note.8 | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN(BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. | 1, IEC61558-1/-2-16, 1368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 10601-1/-1-11, BS EN | EC60335-1; 660601-1/-1-11(3.2 Ve 0601-1-11(for U Type | e only) ̈ | 2.2 NO.60601-1/- | |
| SAFETY & EMC | Note.8 | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN/6 BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 30601-1/-1-11, BS EN 04; | EC60335-1; 660601-1/-1-11(3.2 Ve 0601-1-11(for U Type | e only) ̈ | 2.2 NO.60601-1/- | |
| SAFETY & EMC | Note.8 | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 30601-1/-1-11, BS EN 04; | EC60335-1; 660601-1/-1-11(3.2 Ve 0601-1-11(for U Type | e only) ̈ | 2.2 NO.60601-1/- | |
| SAFETY & EMC | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. | EC60335-1; 660601-1/-1-11(3.2 Ve 0601-1-11(for U Type | e only) ̈ | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN/E BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. 1; art1):2010/IEC6095(xt page for more deta | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. | EC60335-1; 660601-1/-1-11(3.2 Ve 0601-1-11(for U Type | e only) ̈ | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:100M Ohms | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70°C Standard BS EN/EN | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | e only) B EN/EN60335-1; | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 kt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 655032(CISPR32)/EN56, GB/T 9254.1-2021, K | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class B | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:100M Ohms Parameter Conducted emission | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60956 xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 655032(CISPR32)/EN56, GB/T 9254.1-2021, K | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 kt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 655032(CISPR32)/EN56, GB/T 9254.1-2021, K | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class B | 2.2 NO.60601-1/- | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:4000Vac I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 55032(CISPR32)/EN56, GB/T 9254.1-2021, K 55032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class A | | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:4000Vac I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. 1; art1):2010/IEC6095(xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 55032(CISPR32)/EN56, GB/T 9254.1-2021, K 55032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Level | | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac I/P-O/P:4000Vac I/P-O/P:100M Ohms Parameter Conducted emission Radiated emission Harmonic current Parameter ESD RF field susceptibility | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C BSMI CNS15598-1; 2368-1; BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC0I approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 BS EN/EN6 | 1, IEC61558-1/-2-16, 1368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. iils) 6 RH 555032(CISPR32)/EN55 6, GB/T 9254.1-2021, K 11000-3-2 11000-4-2 11000-4-3 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Level 2, 3V/m | | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac 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 | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C BSMI CNS15598-1; 2368-1; EAC TPTC0I approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN60 Standard BS EN/EN60 | 1, IEC61558-1/-2-16, 1368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 555032(CISPR32)/EN55, GB/T 9254.1-2021, K 11000-3-2 11000-4-2 11000-4-3 11000-4-4 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class A Test Level / Note Level 4, 15KV air; Level 2, 3V/m Level 3, 2KV | | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C BSMI CNS15598-1; 2368-1; EAC TPTC0I approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN6 CNS15936 BS EN/EN6 Standard BS EN/EN6 | 1, IEC61558-1/-2-16, 1368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 555032(CISPR32)/EN55, GB/T 9254.1-2021, K 1000-3-2 ii1000-4-2 ii1000-4-3 ii1000-4-5 ii1000-4-5 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class A Test Level / Note Level 4, 15KV air; Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N | | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 Conducted susceptibility | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 6260601-1-11, C 6260601-1-11, C 6260601-1-11, C 6260601-1-11, C 6260601-1-11, C 6260601-1-11, C 626061-1-10, C 626061-10, C 62606 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 11000-4-2 11000-4-3 11000-4-5 11000-4-6 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 2, 3V/W Level 3, 1KV/L-N Level 2, 3V | | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 600601-1-11, C 600601-1-11, C 600601-1-11, C 600601-1-11, C 600601-1-11, C 600601-1-11, C 600601-1-1-11, C 600601-1-1-11, C 600601-1-1-1, C 600601-1-1, C 600601-1-1, C 600601-1-1, C 600601-1-1, C 600601-1-1, C | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 11000-4-2 11000-4-3 11000-4-5 11000-4-6 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 2, 3V Level 2, 3V Level 2, 3A/m | el 4,8KV contact | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 Conducted susceptibility | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC00 approved. 1; art1):2010/IEC60950 kt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 BS EN/EN6 MBS EN/EN6 BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 555032(CISPR32)/EN56 6, GB/T 9254.1-2021, K 1000-3-2 11000-4-2 11000-4-3 11000-4-5 11000-4-6 11000-4-8 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 2, 3V Level 2, 3V Level 2, 3A/m >95% dip 0. 5 period | el 4,8KV contact | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1, RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne. I/P-O/P:4000Vac 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 immuni | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. 1; art1):2010/IEC60956 xt page for more deta / 500VDC / 25°C / 70° Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 Standard BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. ils) 6 RH 555032(CISPR32)/EN56 6, GB/T 9254.1-2021, K 1000-3-2 11000-4-2 11000-4-3 11000-4-5 11000-4-6 11000-4-8 | EC60335-1; 260601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS | Test Level / Note Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 2, 3V Level 2, 3V Level 2, 3A/m | el 4,8KV contact | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 immuni Voltage dips , interrup | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C BSMI CNS15598-1; 2368-1; EAC TPTC0I approved. 1; art1):2010/IEC60950 att page for more deta / 500VDC / 25°C / 709 Standard BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 IS EN/EN6 BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 61000-3-2 ii1000-4-2 ii1000-4-3 ii1000-4-5 ii1000-4-6 ii1000-4-8 ii1000-4-8 ii1000-4-11 | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, B\$ 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 2, 3A/m >95% dip 0. 5 period >95% interruptions 2 | el 4,8KV contact s, 30% dip 25 periods 50 periods | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY DTHERS WITHSTAND VOLTAGE THE SAME TO SAME THE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- BIS IS13252(p (Please refer to ne: I/P-O/P:4000Vac 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 susceptibility Conducted susceptibility Magnetic field immuni Voltage dips , interrup | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70°/ Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 MS EN/EN6 Standard BS EN/EN6 MS EN/EN6 MIL-HDBK-217F (25°M MIL-HDBK- | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 61000-3-2 ii1000-4-2 ii1000-4-3 ii1000-4-5 ii1000-4-6 ii1000-4-8 ii1000-4-8 ii1000-4-11 | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, B\$ 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level / Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 2KV Level 3, 1KV/L-N Level 2, 3V Level 2, 3V Level 2, 3V Level 2, 3A/m >95% dip 0. 5 period | el 4,8KV contact s, 30% dip 25 period: 50 periods | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY DTHERS WITHSTAND VOLTAGE THE SAME TO SAME THE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 Magnetic field immuni Voltage dips , interrup | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC0(approved. 1; art1):2010/IEC6095(xt page for more deta / 500VDC / 25°C / 709 Standard BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 MS EN/EN6 BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 1000-4-2 11000-4-3 11000-4-5 11000-4-6 11000-4-8 11000-4-11 | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 1KV/L-N Level 2, 3V Level 2, 3A/m >95% dip 0. 5 period >95% interruptions 2 | el 4,8KV contact s, 30% dip 25 period 50 periods | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE | | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 Magnetic field immuni Voltage dips , interrup | -1, IEC60601-1/-1-1 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 70°/ Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 MS EN/EN6 Standard BS EN/EN6 MS EN/EN6 MIL-HDBK-217F (25°M MIL-HDBK- | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 1000-4-2 11000-4-3 11000-4-5 11000-4-6 11000-4-8 11000-4-11 | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, B\$ 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 1KV/L-N Level 2, 3V/m Level 2, 3A/m >95% dip 0. 5 period >95% interruptions 2 | el 4,8KV contact s, 30% dip 25 periods 50 periods | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION OTHERS WITBF DIMENSION | MAIN BODY | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1; RCM AS/NZS 62 CCC GB4943.1 KC KC62368- 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 Conducted susceptibility Magnetic field immuni Voltage dips , interrup 605.3 Khrs min. 62*30*85.5mm (L*W 217g; 54pcs/ 13.2K | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC0(approved. 1; art1):2010/IEC6095(xt page for more deta / 500VDC / 25°C / 709 Standard BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 MS EN/EN6 BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iis) 6 RH 655032(CISPR32)/EN56, GB/T 9254.1-2021, K 1000-3-2 1000-4-2 11000-4-3 11000-4-5 11000-4-6 11000-4-8 11000-4-11 | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 1KV/L-N Level 2, 3V/m Level 2, 3A/m >95% dip 0. 5 period >95% interruptions 2 | el 4,8KV contact s, 30% dip 25 period: 50 periods | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY DTHERS WITHERS WITH | MAIN BODY | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1, RCM AS/NZS 6/2 CCC GB4943.1 KC KC62368- 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 immuni Voltage dips , interrup 605.3 Khrs min. 62*30*85.5mm (L*W 217g; 54pcs/ 13.2K Refer to Page 3 | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS EN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC0(approved. 1; art1):2010/IEC6095(xt page for more deta / 500VDC / 25°C / 709 Standard BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 Standard BS EN/EN6 BS EN/EN6 MS EN/EN6 BS EN/EN6 | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 60601-1/-1-11, BS EN 04; 0-1:2005. iils) 6 RH 655032(CISPR32)/EN56 6, GB/T 9254.1-2021, K 1000-3-2 1000-4-2 11000-4-3 11000-4-5 11000-4-8 11000-4-11 C) 5120.6 Khrs 590lxx/Uxx-P1J | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 1KV/L-N Level 2, 3V/m Level 2, 3A/m >95% dip 0. 5 period >95% interruptions 2 | el 4,8KV contact s, 30% dip 25 period 50 periods | |
| SAFETY & EMC SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE EMC EMISSION EMC IMMUNITY OTHERS ATBF DIMENSION PACKING OC OUTPUT CONNECTOR | MAIN BODY | CB IEC62368 UL UL62368- ANSI/AAI DEKRA BS EN/EN PSE J62368-1, RCM AS/NZS 6/2 CCC GB4943.1 KC KC62368- 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 EFT bursts Surge susceptibility Conducted susceptibility Gonducted field immuni Voltage dips , interrup 605.3 Khrs min. 62*30*85.5mm (L*W 217g; 54pcs/ 13.2K Refer to Page 3 | -1, IEC60601-1/-1-11 1, CSA C22.2 NO. 62 MI ES60601-1-11, C 62368-1, BS CN/EN6 BSMI CNS15598-1; 2368-1; EAC TPTC01 approved. 1; art1):2010/IEC60950 xt page for more deta / 500VDC / 25°C / 709 Standard BS EN/EN CNS15936 BS EN/EN CNS15936 BS EN/EN6 Standard BS EN/EN6 MIL-HDBK-217F (25°M/PH) g / 0.93CUFT for NGE | 1, IEC61558-1/-2-16, 368-1, ANSI/AAMI ES AN/CSA-C22.2 NO.6 50601-1/-1-11, BS EN 04; 0-1:2005. ills) 6 RH 655032(CISPR32)/EN56 6, GB/T 9254.1-2021, K 1000-3-2 1000-4-2 11000-4-2 11000-4-8 11000-4-8 11000-4-8 11000-4-11 C) 5120.6 Khrs E90Ixx/Uxx-P1J ustomer requested | EC60335-1; 860601-1/-1-11(3.2 Ve 0601-1-11(for U Type /EN61558-1/-2-16, BS 0011, FCC Part15, C C9832 0011, FCC Part15, C C9832 | Test Level / Note Class B Class B Class A Test Level /Note Level 4, 15KV air; Lev Level 2, 3V/m Level 3, 1KV/L-N Level 2, 3V/m Level 2, 3A/m >95% dip 0. 5 period >95% interruptions 2 | el 4,8KV contact s, 30% dip 25 period 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
- ※ 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)

| | | (| NGE90I (Universa | | n) | | | NGE90Exx-P1J (EU Version) | NGE90Uxx-P1J (US Version) | |
|-------------|---|--------------|---------------------|-----|-------|--|---------------|------------------------------|------------------------------|--|
| Order NO. | | • | | | | The second secon | Ell transfers | | | |
| | Interchangeable Type (Unfoldable; AC Pin fixed) | | | | | | | Non-Interchangeable Type | | |
| AC plug | EU | US | UK | AU | CN | KR | IN | | | |
| AC plug | | & | | | 4 | | | Unfoldable AC Pin | Foldable AC Pin | |
| | С | B | KRA 🛕 | (i) | Dus 🕭 | <u></u> (2) | | CB DEKRA | CBA 🕸 c 🖤 us | |
| Certificate | R33100 RoHS | . 71 | us EAC | | CE | | | FRE⊂€ | CAL US FC | |

■ AC Plugs Accessory (Sold Seperately)

| | 2 | Per Bag | Per Cart | on |
|----------------|--------------|-------------------------------------|---|--------|
| 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 |



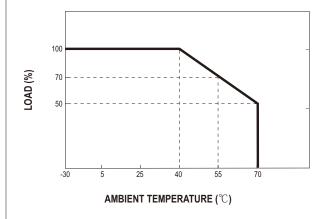
■ Interchangeable AC Plug Installation Steps (Convertible with I Type only)

| 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:

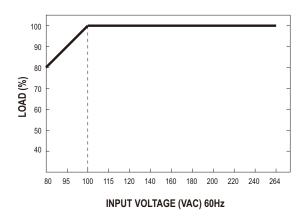
- 1. NGE90I main body unit and AC inlet plug should be ordered separately.
- 2. NGE90I needs to be used along with one of the AC inlet plug (EU,US,UK,AU,CN,KR,IN).

■ Derating Curve

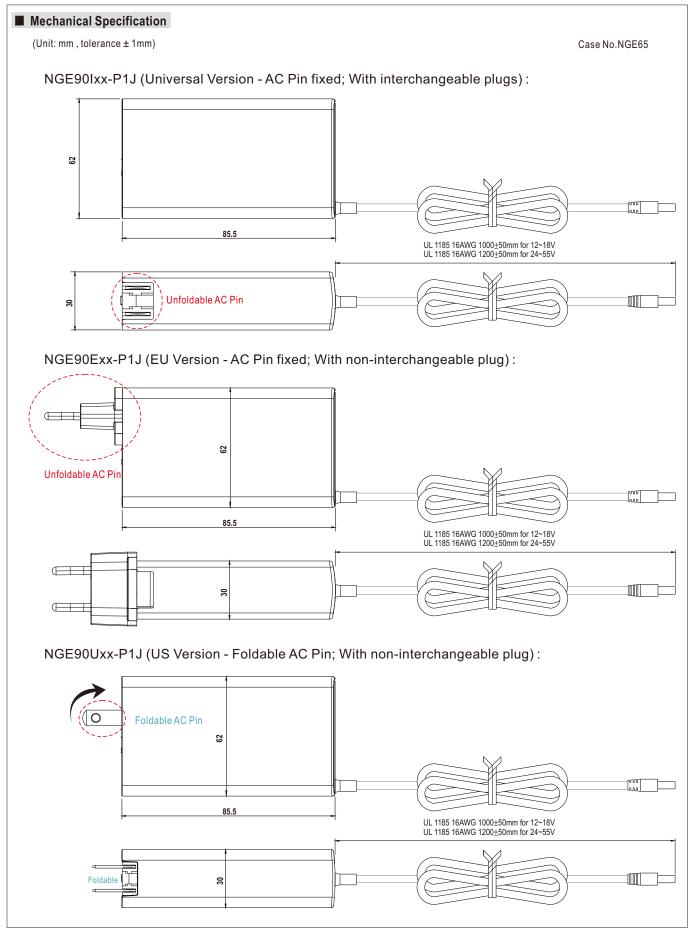


Note: 48V/55V: -20° C @80Vac, load reduced to 60%; -30° C @80Vac, load reduced to 35%.

■ 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. | А | В | С | Quick Adapter |
|--|--------------|------------------------------------|------------|------|------|-------|-----------------------------|
| | | | турстчо. | OD | ID | L | Accessory |
| | | - C | P1I | 5.5 | 2.1 | 9.5 | |
| | | | P1L | 5.5 | 2.5 | 9.5 | |
| THE SAME OF THE SA | _ A | (Straight) | P1M | 5.5 | 2.5 | 11.0 | A! - - - |
| | | _ C | P1IR | 5.5 | 2.1 | 9.5 | Available |
| | -17-B | | P1JR | 5.5 | 2.1 | 11.0 | (Current rating: 7.5A max.) |
| | | | P1LR | 5.5 | 2.5 | 9.5 | |
| | | (Right-angled) | P1MR | 5.5 | 2.5 | 11.0 | |
| | Barrol | Stylo | Type No | Α | В | С | |
| Barrel Style | | | 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 | |
| | Θ_{B} | | P2IR | 5.5 | 2.1 | 9.5 | |
| - | - | | P2JR | 5.5 | 2.1 | 11.0 | |
| | | (Right-angled) | ₩ P2LR | 5.5 | 2.5 | 9.5 | |
| | | (Right-angled) | P2MR | 5.5 | 2.5 | 11.0 | |
| Lock Style | | Type No. | Α | В | С | | |
| | | Type No. | OD | ID | L | | |
| b | A B | Floating Locking | P2S(S761K) | 5.53 | 2.03 | 12.06 | None |
| | | | P2K(761K) | 5.53 | 2.54 | 12.06 | NULLE |
| | | | P2C(S760K) | 5.53 | 2.03 | 9.52 | |
| ~ | 1 1- | SWITCHCRAFT original or equivalent | P2D(760K) | 5.53 | 2.54 | 9.52 | |



| | | | | D | | | |
|---|-------------|-------------------------------|----------------|----------|------------|-------------------------------------|--|
| Min. Pin Style | Type No. | A OD | | B ID | C | Quick Adapter Accessory | |
| C C | P3A | 2.35 | | 0.7 | 11.0 | Available (Current rating: 5A max.) | |
| | P3B | 4.0 | | 1.7 | 11.0 | | |
| EIAJ equivalent | P3C | 4.75 | | 1.7 | 11.0 | (Current fatting, 5A max.) | |
| Center Pin Style | Type No. | А | В | С | D | | |
| Genter Fin Style | Type No. | OD | ID | L | Center Pin | | |
| A C | 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 | | |
| · | Type No | Р | in Assi | gnment | | | |
| Min. DIN 3 Pin with Lock (male) | Type No. | PIN No |). | Output | | | |
| | | 1 | | +Vc |) | Available | |
| (°°) 12 | R6B | 2 | | -Vo |) | (Current rating: 7.5A max.) | |
| KYCON KPPX-3P equivalent | | 3 | | +Vc |) | | |
| M. B.M. A.B. (11.1.1.7.1.1.) | Town a Ma | Pin Assignment | | | | | |
| Min. DIN 4 Pin with Lock (male) | Type No. | PIN No | PIN No. Output | | ut | | |
| | | 1 | +\ | |) | Available | |
| 2 3 四 | R7B | 2 | | -Vo | | (Current rating: 7.5A max.) | |
| KYCON KPPX-4P equivalent | | 3 | -V | | | l | |
| · | | 4 +Vo | | - | | | |
| Stripped and tinned leads | Type No. | Pin Assignment PIN No. Output | | | 4 | | |
| 1 2 | by customer | 1 (Ribbed | | +Vo | | None | |
| L1 Length of Land L1 by request (MW's standard length, L: <u>25</u> mm, L1: <u>10</u> mm) | by customer | 2 (Letter | •) | -Vo | 1 | | |

■ Installation Manual

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