

ESA Series

Residential All-In-One Energy Storage System

ESA 5-30kW Hybrid Inverter

(GW5K-ETA-G20 | GW6K-ETA-G20 | GW8K-ETA-G20 | GW9.999K-ETA-G20 | GW10K-ETA-G20 | GW12K-ETA-G20 | GW15K-ETA-G20 | GW20K-ETA-G20 | GW25K-ETA-G20 | GW29.999K-ETA-G20 | GW30K-ETA-G20)

ESA 5-30kW AC-Coupled Inverter

(GW5K-BTA-G20 | GW6K-BTA-G20 | GW8K-BTA-G20 | GW9.999K-BTA-G20 | GW10K-BTA-G20 | GW12K-BTA-G20 | GW15K-BTA-G20 | GW20K-BTA-G20 | GW25K-BTA-G20 | GW29.999K-BTA-G20 | GW30K-BTA-G20)

Lynx D G2 Series

(GW5.1-BAT-D-G20 | GW8.3-BAT-D-G20 | GW5.1-BAT-D-G21 | GW8.3-BAT-D-G21 | GW6.0-BAT-D-G20 | GW9.0-BAT-D-G20)

Quick Installation Guide

快速安装指导

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CS-Czech

- Informace v tomto stručném průvodci instalací se mohou změnit v důsledku aktualizací výrobku nebo jiných důvodů. Pokud není uvedeno jinak, nemůže tento návod nahradit štítky na výrobku ani bezpečnostní opatření v uživatelské příručce. Všechny uvedené popisy slouží pouze pro orientaci.
- Všechny činnosti musí provádět proškolení a kvalifikovaní technici, kteří jsou obeznámeni s místními normami a bezpečnostními předpisy.
- Důsledně dodržujte pokyny k instalaci, provozu a konfiguraci uvedené v tomto průvodci a uživatelské příručce. Výrobce nenese odpovědnost za poškození zařízení ani zranění osob v případě nedodržení pokynů.

DE-German

- Die Informationen in dieser Kurzanleitung zur Installation können aufgrund von Produktupdates oder aus anderen Gründen geändert werden. Diese Anleitung kann die Beschriftungen auf den Produkten oder die im Handbuch beschriebenen Sicherheitsvorkehrungen nicht ersetzen, sofern keine anderen Angaben gemacht werden. Alle Beschreibungen dienen nur zur Orientierung.
- Alle Arbeiten sollten von geschulten und sachkundigen Technikern durchgeführt werden, die mit den örtlichen Normen und Sicherheitsvorschriften vertraut sind.
- Halten Sie sich genau an die Anweisungen zur Installation, zum Betrieb und zur Konfiguration in dieser Anleitung und im Betriebshandbuch. Der Hersteller haftet nicht für Geräte- oder Personenschäden aufgrund von Nichtbeachtung von Anweisungen.

EN-English

- The information in this quick installation guide is subject to change due to product updates or other reasons. This guide cannot replace the product labels or the safety precautions in the user manual unless otherwise specified. All descriptions here are for guidance only.
- All operations should be performed by trained and knowledgeable technicians who are familiar with local standards and safety regulations.
- Strictly follow the installation, operation, and configuration instructions in this guide and user manual. The manufacturer shall not be liable for equipment damage or personal injury if you do not follow the instructions.

ES-Spanish

- La información contenida en la presente guía de instalación rápida puede cambiar debido a actualizaciones del producto u otros motivos. Esta guía no puede sustituir a las etiquetas del producto ni a las precauciones de seguridad del manual del usuario, a no ser que se especifique otra cosa. Todas las descripciones aquí realizadas tienen únicamente fines de guía.
- Todas las operaciones deben ser llevadas a cabo por técnicos formados y con conocimientos que estén familiarizados con los estándares y normas de seguridad locales.
- Siga con exactitud las instrucciones de instalación, uso y configuración de esta guía y este manual del usuario. El fabricante no será responsable de los daños del equipo o las lesiones si no sigue las instrucciones.

FR-French

- Les informations contenues dans ce guide d'installation rapide sont susceptibles d'être modifiées en raison de mises à jour du produit ou pour d'autres raisons. Ce guide ne peut pas remplacer les étiquettes des produits ou les consignes de sécurité figurant dans le mode d'emploi, sauf spécification contraire. Toutes les descriptions ne sont données ici qu'à titre indicatif.
- Toutes les opérations doivent être effectuées par des techniciens formés et compétents qui connaissent les normes et les règles de sécurité locales.
- Suivez scrupuleusement les instructions d'installation, d'utilisation et de configuration de ce guide et du mode d'emploi. Le fabricant ne pourra être tenu pour responsable en cas de dommages à l'équipement ou de blessures si vous ne respectez pas les consignes.

HU-Hungarian

- A jelen rövid telepítési útmutatóban szereplő információk a termékfrissítések miatt vagy más okokból módosulhatnak. Ez az útmutató nem helyettesítheti a termékcímkéket vagy a felhasználói kézikönyvben található biztonsági óvintézkedéseket, hacsak nincs másképp meghatározva. Az itt szereplő összes leírás csak útmutatásul szolgál.
- Az összes műveletet kizárólag megfelelő tudással és képzettséggel rendelkező, a helyi szabványokat és biztonsági előírásokat ismerő technikusoknak szabad elvégezniük.
- Szigorúan tartsa be a jelen útmutatóban és a felhasználói kézikönyvben található telepítési, használati és konfigurálási utasításokat. A gyártó nem vállal felelősséget az anyagi károkért és a személyi sérülésekért, ha Ön nem tartja be az utasításokat.

IT-Italian

- Le informazioni contenute in questa guida all'installazione rapida sono soggette a modifiche a causa di aggiornamenti del prodotto o per altri motivi. Salvo diversamente specificato, questa guida non sostituisce le etichette dei prodotti o le precauzioni di sicurezza descritte nel manuale d'uso. Tutte le descrizioni qui riportate sono a titolo indicativo.
- Tutte le operazioni devono essere eseguite da tecnici addestrati e competenti che conoscono gli standard locali e le norme di sicurezza.
- Seguire scrupolosamente le istruzioni per l'installazione, il funzionamento e la configurazione contenute in questa guida e nel manuale d'uso. Il produttore non è responsabile di danni all'apparecchiatura o di lesioni personali se non si seguono le istruzioni.

NL-Dutch

- De informatie in deze beknopte handleiding is onderhevig aan wijzigingen, vanwege productupdates of andere redenen. Deze handleiding is geen vervanging van de productlabels of de veiligheidsmaatregelen in de gebruikshandleiding, tenzij anders vermeld. Alle omschrijvingen hier dienen enkel als leidraad.
- Alle handelingen moeten worden uitgevoerd door opgeleide en deskundige technici die de lokale normen en veiligheidsregelgeving kennen.
- Volg strikt de installatie-, gebruiks- en configuratie-instructies in deze handleiding en het gebruikershandboek. De fabrikant is niet aansprakelijk voor beschadiging van apparatuur of persoonlijk letsel als u de instructies niet volgt.

PL-Polish

- Informacje zawarte w niniejszej skróconej instrukcji instalacji mogą ulec zmianie ze względu na aktualizacje produktu lub z innych powodów. Ten przewodnik nie może zastąpić etykiet produktu ani środków ostrożności zawartych w instrukcji obsługi, chyba że określono inaczej. Wszystkie zamieszczone tu opisy mają charakter wyłącznie orientacyjny.
- Wszystkie prace powinny być wykonywane przez przeszkolonych i kompetentnych techników, którzy znają lokalne standardy i przepisy bezpieczeństwa.
- Należy ściśle przestrzegać instrukcji instalacji, obsługi i konfiguracji podanych w niniejszym dokumencie. Producent nie ponosi odpowiedzialności za uszkodzenia urządzeń ani za obrażenia osób będące skutkiem zlekceważenia instrukcji.

PT-Portuguese

- As informações apresentadas neste guia de instalação rápida estão sujeitas a alterações devido a atualizações do produto ou por outras razões. Este guia não substitui as etiquetas do produto nem as precauções de segurança no manual do utilizador, salvo indicação em contrário. Todas as descrições aqui fornecidas são meramente indicativas.
- Todas as operações devem ser realizadas por técnicos com formação e conhecimentos necessários e que estejam familiarizados com os regulamentos de segurança e as normas locais.
- Siga rigorosamente as instruções de instalação, operação e configuração neste guia e manual do utilizador. O fabricante não se responsabiliza por danos no equipamento ou ferimentos se as instruções não forem seguidas.

ZH-中文

- 因产品版本升级或其他原因, 本文档内容会不定期进行更新。如无特殊约定, 本文档不可取代产品标签或用户手册。本文档中的所有描述仅作为使用指导。
- 设备所有操作必须由专业、合格的电气技术人员进行, 技术人员需熟知项目所在地相关标准及安全规范。
- 未按照本文档或对应用户手册要求安装、使用、配置设备造成的设备损坏或人员伤害, 不在设备厂商责任范围之内。

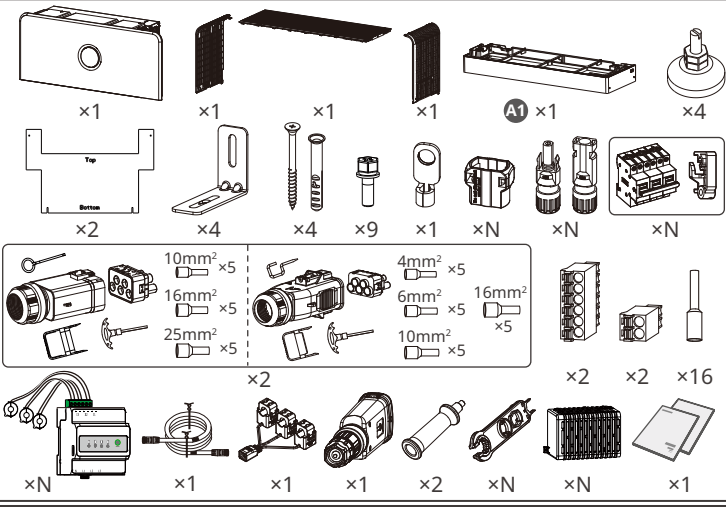
Procedure

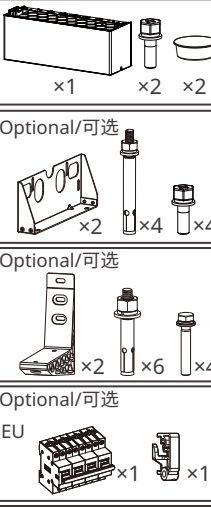
1 CS Instalace
FR Installation
PL Instalacja

DE Installation
HU Telepítés
PT Instalação

EN Installation
IT Installazione
ZH 安装

ES Instalación
NL Installatie



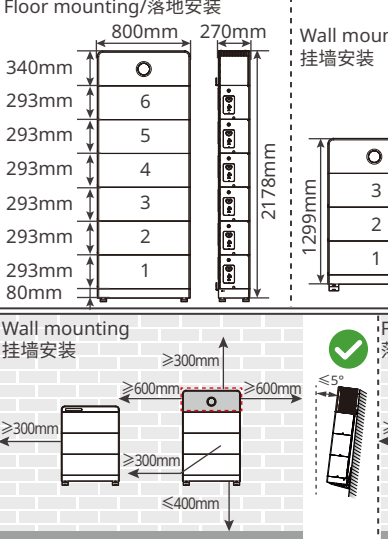
Optional/可选


N: Quantity depends on the inverter model.
N: 数量依据产品配置而定。



Floor mounting/落地安装

Wall mounting
挂墙安装



340mm
293mm
293mm
293mm
293mm
293mm
293mm
80mm

800mm
270mm
2178mm
1299mm

A: GW5.1-BAT-D-G20, GW5.1-BAT-D-G21, GW6.0-BAT-D-G20
B: GW8.3-BAT-D-G20, GW8.3-BAT-D-G21, GW9.0-BAT-D-G20

Installation Method 安装方式	Model 型号	Max. Battery Stack Quantity 电池最大堆叠数量	Battery Stack Quantity 电池堆叠数量	Height (H) 高度 (H)
Wall 挂墙	A	3	1	713mm
	A+B/A/B	2	2	1006mm
Wall-mounted 靠墙	A+B/A/B	6	3	1299mm
Free-standing 离墙	A+B/A/B	4	4	1592mm
			5	1885mm
			6	2178mm

Wall mounting
挂墙安装

Floor mounting
落地安装



Mounting Bracket/安装挂架

(Optional) Pack mounting holes
PACK固定孔位(可选)

Support mounting holes
支架孔位

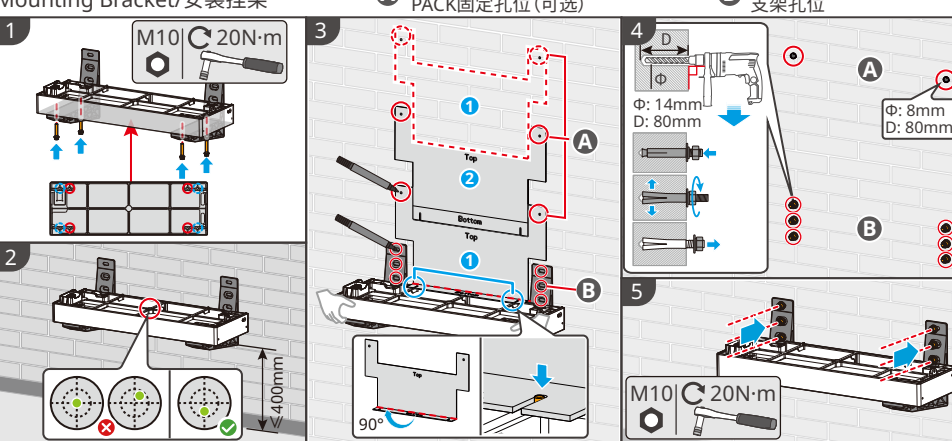
1

2

3

4

5



M10 20N·m

Φ: 14mm
D: 80mm

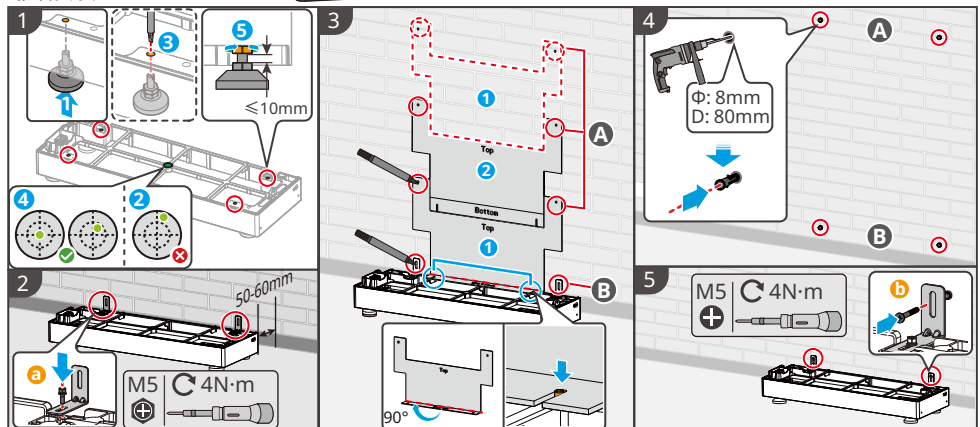
Φ: 8mm
D: 80mm

90°

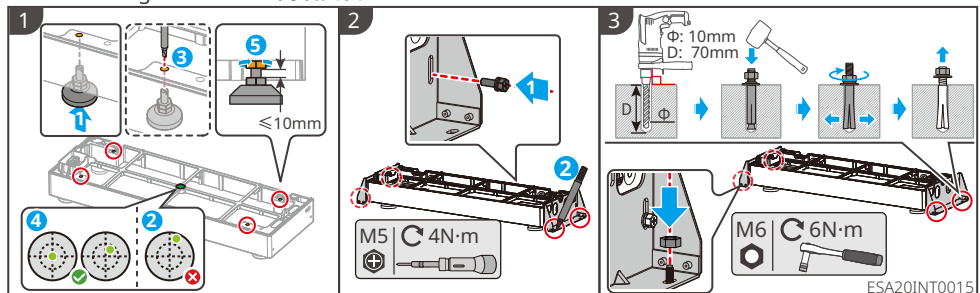
M10 20N·m

Procedure

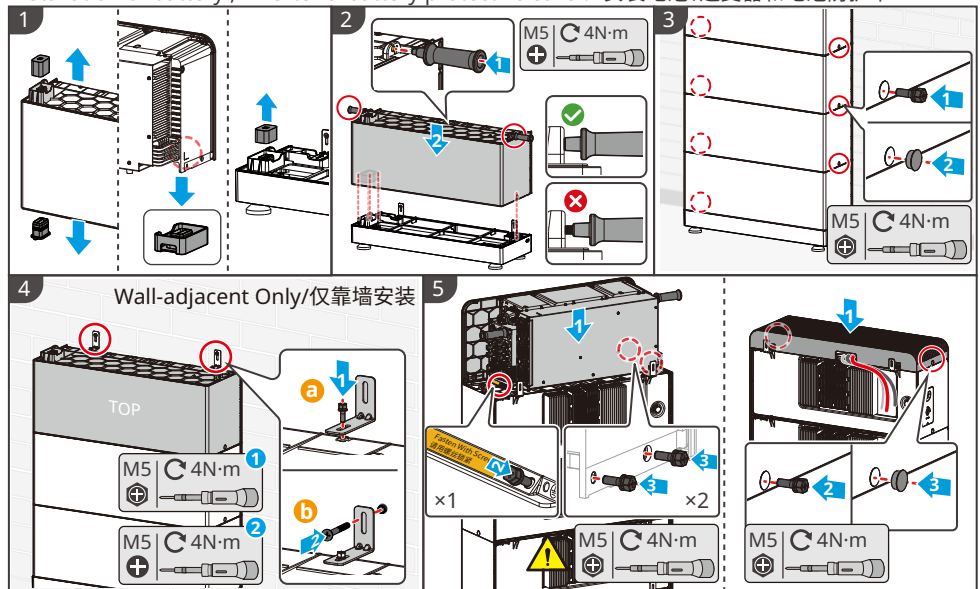
Wall-adjacent Installation 靠墙安装



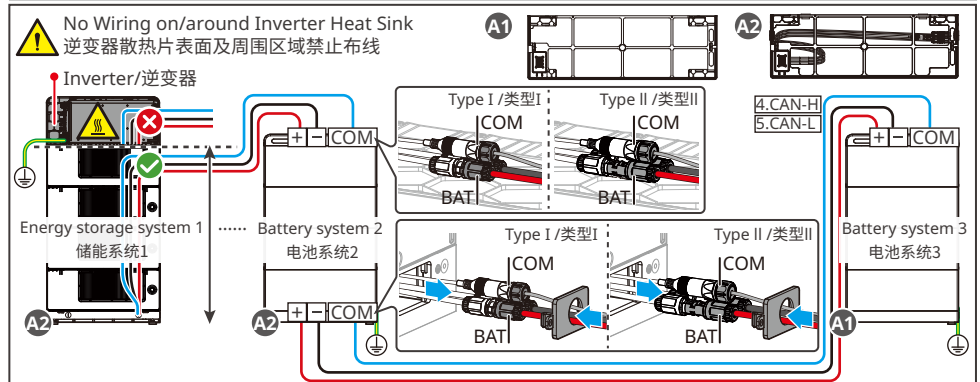
Free-standing Installation/离墙安装



Installation of battery, inverter & battery protective cover. /安装电池、逆变器及电池防护罩



CS Elektrické připojení	DE Elektroanschluss	EN Electrical Connection
ES Conexión eléctrica	FR Raccordement électrique	HU Elektromos csatlakozás
IT Allacciamento elettrico	NL Elektrische aansluiting	PL Połączenie elektryczne
PT Ligação elétrica	ZH 电气连接	



A: GW5.1-BAT-D-G20, GW5.1-BAT-D-G21, GW6.0-BAT-D-G20 B: GW8.3-BAT-D-G20, GW8.3-BAT-D-G21, GW9.0-BAT-D-G20

Installation Method 安装方式	Quantity of Stack (N)(Groups) 扩容组数 [N (组)]	Batteries per Stack (M)(Batteries) 单组堆叠 [M (块)]	Batteries Quantity (P)(Batteries) 电池总数 [P (块)]
Floor mounting/落地	≤3	Free-standing/离墙≤4 Wall-adjacent/靠墙≤6	≤12
Wall-mounted/挂墙	≤3	≤3 (A) ≤2 (A/B/A+B)	≤9 ≤6

PE (⊕)

1. 5-8kW: Cu, 4-6mm², 9.999-20kW: Cu, 6-10mm², 25-30kW: Cu, 10-16mm²
L=L1+2mm

2. 5-20kW: 50mm, 25-30kW: 70mm

3. 5-8kW: Cu, 4-6mm², 9.999-12kW: Cu, 6-10mm², 15-20kW: Cu, 10-16mm², 25-30kW: Cu, 16-25mm²

4. n≤11: Do not use PIN terminals / 不使用管状端子
n>11:

5. 5-20kW: 38mm, 25-30kW: 50mm

6. 5-20kW: 3N·m, 25-30kW: 6N·m

AC (GRID&BACK-UP&Manual Changeover Switch)

1. 5-20kW: 18-20mm, 25-30kW: 20-23mm, 23-26mm
L=L1+2mm

2. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

3. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

4. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

5. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

6. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

7. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

8. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

9. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

10. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

11. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

12. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

13. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

14. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

15. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

16. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

17. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

18. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

19. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

20. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

21. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

22. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

23. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

24. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

25. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

26. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

27. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

28. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

29. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

30. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

31. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

32. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

33. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

34. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

35. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

36. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

37. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

38. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

39. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

40. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

41. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

42. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

43. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

44. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

45. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

46. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

47. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

48. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

49. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

50. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

51. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

52. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

53. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

54. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

55. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

56. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

57. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

58. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

59. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

60. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

61. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

62. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

63. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

64. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

65. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

66. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

67. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

68. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

69. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

70. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

71. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

72. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

73. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

74. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

75. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

76. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

77. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

78. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

79. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

80. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

81. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

82. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

83. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

84. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

85. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

86. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

87. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

88. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

89. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

90. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

91. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

92. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

93. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

94. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

95. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

96. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

97. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

98. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

99. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

100. 5-20kW: 18-21mm, 21-24mm, 24-27mm, 27-30mm
L=L1+2mm

DC (MPPT) For Hybrid Inverter only / 仅适用于混合逆变器

1. 7-8mm
Φ: 5.9-8.8mm
Cu, 4-6mm²

2. PV-CZM-61100

3. 5-20kW: 38mm, 25-30kW: 50mm

4. 5-20kW: 3N·m, 25-30kW: 6N·m

5. 5-20kW: 3N·m, 25-30kW: 6N·m

6. 5-20kW: 3N·m, 25-30kW: 6N·m

7. 5-20kW: 3N·m, 25-30kW: 6N·m

8. 5-20kW: 3N·m, 25-30kW: 6N·m

9. 5-20kW: 3N·m, 25-30kW: 6N·m

10. 5-20kW: 3N·m, 25-30kW: 6N·m

11. 5-20kW: 3N·m, 25-30kW: 6N·m

12. 5-20kW: 3N·m, 25-30kW: 6N·m

13. 5-20kW: 3N·m, 25-30kW: 6N·m

14. 5-20kW: 3N·m, 25-30kW: 6N·m

15. 5-20kW: 3N·m, 25-30kW: 6N·m

16. 5-20kW: 3N·m, 25-30kW: 6N·m

17. 5-20kW: 3N·m, 25-30kW: 6N·m

18. 5-20kW: 3N·m, 25-30kW: 6N·m

19. 5-20kW: 3N·m, 25-30kW: 6N·m

20. 5-20kW: 3N·m, 25-30kW: 6N·m

21. 5-20kW: 3N·m, 25-30kW: 6N·m

22. 5-20kW: 3N·m, 25-30kW: 6N·m

23. 5-20kW: 3N·m, 25-30kW: 6N·m

24. 5-20kW: 3N·m, 25-30kW: 6N·m

25. 5-20kW: 3N·m, 25-30kW: 6N·m

26. 5-20kW: 3N·m, 25-30kW: 6N·m

27. 5-20kW: 3N·m, 25-30kW: 6N·m

28. 5-20kW: 3N·m, 25-30kW: 6N·m

29. 5-20kW: 3N·m, 25-30kW: 6N·m

30. 5-20kW: 3N·m, 25-30kW: 6N·m

31. 5-20kW: 3N·m, 25-30kW: 6N·m

32. 5-20kW: 3N·m, 25-30kW: 6N·m

33. 5-20kW: 3N·m, 25-30kW: 6N·m

34. 5-20kW: 3N·m, 25-30kW: 6N·m

35. 5-20kW: 3N·m, 25-30kW: 6N·m

36. 5-20kW: 3N·m, 25-30kW: 6N·m

37. 5-20kW: 3N·m, 25-30kW: 6N·m

38. 5-20kW: 3N·m, 25-30kW: 6N·m

39. 5-20kW: 3N·m, 25-30kW: 6N·m

40. 5-20kW: 3N·m, 25-30kW: 6N·m

41. 5-20kW: 3N·m, 25-30kW: 6N·m

42. 5-20kW: 3N·m, 25-30kW: 6N·m

43. 5-20kW: 3N·m, 25-30kW: 6N·m

44. 5-20kW: 3N·m, 25-30kW: 6N·m

45. 5-20kW: 3N·m, 25-30kW: 6N·m

46. 5-20kW: 3N·m, 25-30kW: 6N·m

47. 5-20kW: 3N·m, 25-30kW: 6N·m

48. 5-20kW: 3N·m, 25-30kW: 6N·m

49. 5-20kW: 3N·m, 25-30kW: 6N·m

50. 5-20kW: 3N·m, 25-30kW: 6N·m

51. 5-20kW: 3N·m, 25-30kW: 6N·m

52. 5-20kW: 3N·m, 25-30kW: 6N·m

53. 5-20kW: 3N·m, 25-30kW: 6N·m

54. 5-20kW: 3N·m, 25-30kW: 6N·m

55. 5-20kW: 3N·m, 25-30kW: 6N·m

56. 5-20kW: 3N·m, 25-30kW: 6N·m

57. 5-20kW: 3N·m, 25-30kW: 6N·m

58. 5-20kW: 3N·m, 25-30kW: 6N·m

59. 5-20kW: 3N·m, 25-30kW: 6N·m

60. 5-20kW: 3N·m, 25-30kW: 6N·m

61. 5-20kW: 3N·m, 25-30kW: 6N·m

62. 5-20kW: 3N·m, 25-30kW: 6N·m

63. 5-20kW: 3N·m, 25-30kW: 6N·m

64. 5-20kW: 3N·m, 25-30kW: 6N·m

65. 5-20kW: 3N·m, 25-30kW: 6N·m

66. 5-20kW: 3N·m, 25-30kW: 6N·m

67. 5-20kW: 3N·m, 25-30kW: 6N·m

68. 5-20kW: 3N·m, 25-30kW: 6N·m

69. 5-20kW: 3N·m, 25-30kW: 6N·m

70. 5-20kW: 3N·m, 25-30kW: 6N·m

71. 5-20kW: 3N·m, 25-30kW: 6N·m

72. 5-20kW: 3N·m, 25-30kW: 6N·m

73. 5-20kW: 3N·m, 25-30kW: 6N·m

74. 5-20kW: 3N·m, 25-30kW: 6N·m

75. 5-20kW: 3N·m, 25-30kW: 6N·m

76. 5-20kW: 3N·m, 25-30kW: 6N·m

77. 5-20kW: 3N·m, 25-30kW: 6N·m

78. 5-20kW: 3N·m, 25-30kW: 6N·m

79. 5-20kW: 3N·m, 25-30kW: 6N·m

80. 5-20kW: 3N·m, 25-30kW: 6N·m

81. 5-20kW: 3N·m, 25-30kW: 6N·m

82. 5-20kW: 3N·m, 25-30kW: 6N·m

83. 5-20kW: 3N·m, 25-30kW: 6N·m

84. 5-20kW: 3N·m, 25-30kW: 6N·m

85. 5-20kW: 3N·m, 25-30kW: 6N·m

86. 5-20kW: 3N·m, 25-30kW: 6N·m

87. 5-20kW: 3N·m, 25-30kW: 6N·m

88. 5-20kW: 3N·m, 25-30kW: 6N·m

89. 5-20kW: 3N·m, 25-30kW: 6N·m

90. 5-20kW: 3N·m, 25-30kW: 6N·m

91. 5-20kW: 3N·m, 25-30kW: 6N·m

92. 5-20kW: 3N·m, 25-30kW: 6N·m

93. 5-20kW: 3N·m, 25-30kW: 6N·m

94. 5-20kW: 3N·m, 25-30kW: 6N·m

95. 5-20kW: 3N·m, 25-30kW: 6N·m

96. 5-20kW: 3N·m, 25-30kW: 6N·m

97. 5-20kW: 3N·m, 25-30kW: 6N·m

98. 5-20kW: 3N·m, 25-30kW: 6N·m

99. 5-20kW: 3N·m, 25-30kW: 6N·m

100. 5-20kW: 3N·m, 25-30kW: 6N·m

COM (COM1, COM2, STS)

1. 50mm
8mm
Φ: 5-8mm
Cu, 0.2-0.4mm²

2. T568B
T568A

3. 5-20kW: 3N·m, 25-30kW: 6N·m

4. 5-20kW: 3N·m, 25-30kW: 6N·m

5. 5-20kW: 3N·m, 25-30kW: 6N·m

6. 5-20kW: 3N·m, 25-30kW: 6N·m

7. 5-20kW: 3N·m, 25-30kW: 6N·m

8. 5-20kW: 3N·m, 25-30kW: 6N·m

9. 5-20kW: 3N·m, 25-30kW: 6N·m

10. 5-20kW: 3N·m, 25-30kW: 6N·m

11. 5-20kW: 3N·m, 25-30kW: 6N·m

12. 5-20kW: 3N·m, 25-30kW: 6N·m

13. 5-20kW: 3N·m, 25-30kW: 6N·m

14. 5-20kW: 3N·m, 25-30kW: 6N·m

15. 5-20kW: 3N·m, 25-30kW: 6N·m

16. 5-20kW: 3N·m, 25-30kW: 6N·m

17. 5-20kW: 3N·m, 25-30kW: 6N·m

18. 5-20kW: 3N·m, 25-30kW: 6N·m

19. 5-20kW: 3N·m, 25-30kW: 6N·m

20. 5-20kW: 3N·m, 25-30kW: 6N·m

21. 5-20kW: 3N·m, 25-30kW: 6N·m

22. 5-20kW: 3N·m, 25-30kW: 6N·m

23. 5-20kW: 3N·m, 25-30kW: 6N·m

24. 5-20kW: 3N·m, 25-30kW: 6N·m

25. 5-20kW: 3N·m, 25-30kW: 6N·m

26. 5-20kW: 3N·m, 25-30kW: 6N·m

27. 5-20kW: 3N·m, 25-30kW: 6N·m

28. 5-20kW: 3N·m, 25-30kW: 6N·m

29. 5-20kW: 3N·m, 25-30kW: 6N·m

30. 5-20kW: 3N·m, 25-30kW: 6N·m

31. 5-20kW: 3N·m, 25-30kW: 6N·m

32. 5-20kW: 3N·m, 25-30kW: 6N·m

33. 5-20kW: 3N·m, 25-30kW: 6N·m

34. 5-20kW: 3N·m, 25-30kW: 6N·m

35. 5-20kW: 3N·m, 25-30kW: 6N·m

36. 5-20kW: 3N·m, 25-30kW: 6N·m

37. 5-20kW: 3N·m, 25-30kW: 6N·m

38. 5-20kW: 3N·m, 25-30kW: 6N·m

39. 5-20kW: 3N·m, 25-30kW: 6N·m

40. 5-20kW: 3N·m, 25-30kW: 6N·m

41. 5-20kW: 3N·m, 25-30kW: 6N·m

42. 5-20kW: 3N·m, 25-30kW: 6N·m

43. 5-20kW: 3N·m, 25-30kW: 6N·m

44. 5-20kW: 3N·m, 25-30kW: 6N·m

45. 5-20kW: 3N·m, 25-30kW: 6N·m

46. 5-20kW: 3N·m, 25-30kW: 6N·m

47. 5-20kW: 3N