

## European Solar and Energy Storage Solutions

# Eaton xstorage compact Libya



## Overview

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What is Eaton xstorage compact?

Eaton xStorage Compact is modular and scalable to adapt to changing power capacity needs, from growing local solar production to an increased number of on-site EV chargers. xStorage Compact is an all-in-one single rack energy storage system with a small footprint that is suitable for both commercial and industrial buildings.

What is Eaton xstorage compact 20 kW - 40 kW?

The Eaton xStorage Compact 20 kW - 40 kW is a single rack energy storage system (ESS). It is a modular and scalable solution for various energy storage applications in residential, commercial and light industrial buildings. The Eaton xStorage Compact 20 kW - 40 kW consists of several subsystems and components: •Power conversion system (PCS).

How many batteries can be installed in the Eaton xstorage compact?

Battery pack One battery string (1 master battery pack and 4 battery packs) is installed in the Eaton xStorage Compact 20 kW - 40 kW unit. Up to 2 battery strings (1 master battery pack and 4 or 9 battery packs) can be installed in the external battery rack for more energy capacity.

How do I contact Eaton xstorage compact?

Contact sales via web form by clicking the link above, or call us: +44 (0) 1753 608 700, option 2 then option 2 Contact us via web form by clicking the link above, or call us: +44 (0) 1753 608 700 option 3, then option 2 Eaton xStorage Compact is an all-in-one single rack battery energy storage system that fits into limited space.

How do I Commission my Eaton xstorage battery pack?

Commissioning can be done only by Eaton customer service engineer or Eaton's certified partner who has completed xStorage Compact ESS service

training. You can install the xStorage battery packs only within the Eaton xStorage battery rack and connect them with the Eaton xStorage energy storage systems.

Why should you use Eaton's energy storage system?

With Eaton's energy storage systems, homes and businesses gain access to a safe, reliable and efficient power management that harnesses the full potential of renewable sources. Now you can store energy when it's available and when rates are at their lowest, and use it when you need it.

## Eaton xstorage compact Libya



IP65/IP55 OUTDOOR CABINET

WATERPROOF OUTDOOR CABINET

42U/27U

OUTDOOR BATTERY CABINET

### xStorage Compact , Energiespeicher , Downloads ,Eaton

Das Eaton Energiespeichersystem xStorage Compact ermöglicht Objekteigentümern und Betriebsleitern die Herausforderungen des Energiemanagements für ihre kleinen und mittleren Gewerbe- und Industriestandorte zu lösen. Eaton xStorage Compact hilft ihnen dabei, den Eigenverbrauch erneuerbarer Energien zu erhöhen und die Ladeinfrastruktur von ...

### xStorage Buildings , Stockage d'énergie

Grâce à la solution xStorage Compact d'Eaton, ils peuvent augmenter leur consommation locale d'énergie renouvelable et intégrer la gamme de bornes de recharge des véhicules électriques à leurs installations. La solution xStorage Compact d'Eaton est disponible dans une version mono rack facile à installer, prête à l'emploi avec charge

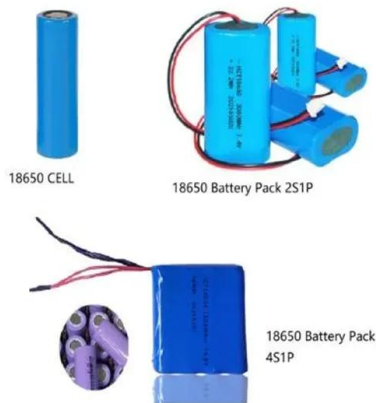
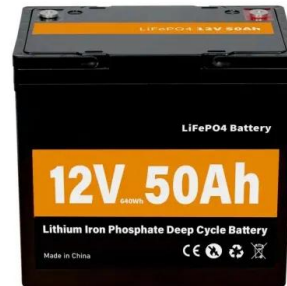


### Combined intelligent EV charging and energy storage solution

Eaton xStorage Compact and Green Motion combined portfolio Keywords Energy storage; Power capacity for electric vehicle charging infrastructure in buildings; electric vehicle chargers; EV chargers

## xStorage Buildings , Energy Storage

Eaton xStorage Compact is available in a single rack version which is easy to install, ready-to-use with symmetric charge and discharge and is backup ready. The system also includes a control platform with user interface and simple expansion options. This compact system is modular, scalable and well suited for a wide range of energy storage



## xStorage battery energy storage system

The xStorage battery energy storage system (BESS) optimizes energy usage and supports energy storage, electric vehicle integration and grid modernization. In the event of a utility power interruption, the xStorage BESS provides an environmentally friendly backup, reducing reliance on traditional generators with its 250 to 1000 kWh of usable

## xStorage Buildings , Energy storage

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## Eaton Energy Storage

Con i sistemi per l'accumulo di energia Eaton,



abitazioni e aziende possono usufruire di una gestione dell'energia sicura, affidabile ed efficiente sfruttando tutto il potenziale delle energie rinnovabili. xStorage permette di superare il limite della non programmabilità delle energie rinnovabili, accumulandola quando prodotta (es. giorno)

## Energy storage , Systems , Eaton

Eaton xStorage Buildings is now available in a single-rack version. This compact, ready-to-use and expandable solution is the perfect choice for energy storage applications in high-end residential and light commercial buildings. xStorage Compact enables you to defer grid investment, store renewable energy and release it when needed to charge



- Voltage range: 91.2-947.2V
- >6000 cycles (100%DOD)
- Rated battery capacity: 216KWH (customizable)
- EMS communication: 4G/CAN/RS485

## Eaton xStorage Compact

EATON XSTORAGE COMPACT INSTALLATION MANUAL P-1640 - arch 222 1 Title 00 1. How to read this manual 1.1 Safety-related signs These are the safety-related signs used in this document. 1.2 Symbols and abbreviations Hazard symbols These symbols indicate a hazardous situation or action. Symbols are used to warn of situations, which can

## xStorage Compact , Energy Storage

Eaton xStorage Compact is an all-in-one single-rack battery energy storage system that fits into limited space. Using this rack, building owners and facility managers can manage power

generated from solar energy for their small and medium commercial and industrial sites.



## xStorage Compact , Stockage d'énergie , Eaton

Le xStorage Compact d'Eaton permet aux exploitants de bâtiments et aux gestionnaires d'installations de résoudre les problèmes de gestion d'énergie sur leurs sites tertiaires et industriels de petite et moyenne taille. Il s'agit système de stockage d'énergie tout-en-un à rack unique qui peut être installé dans les espaces restreints.

## xStorage Home , Energilagring

xStorage Home er et energilagringssystem, plassert i en enkelt enhet, som integrerer en batteripakke og en hybrid omformer. xStorage Home gir lagring av solenergi og lar deg høste fornybar energi som produseres på dagtid så du kan bruke den om morgenen, ettermiddagen og om natten. xStorage Home gir også energi til husholdninger hvis nettet svikter, og gir strøm til

...

114KWh ESS



## Eaton xStorage Compact Technical Datasheet EN-US

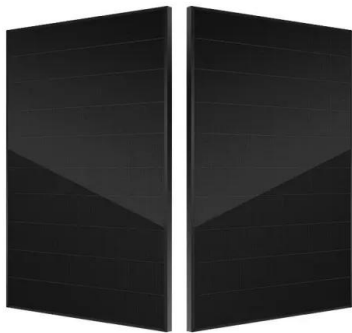
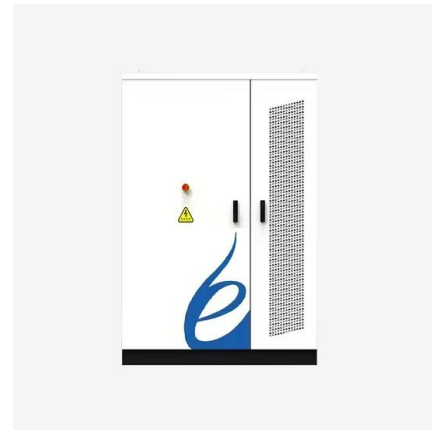
EATON TORAGE COMACT TECNICAL DATAEET TD10E gst 222 1 Title 00 1. Discover xStorage Compact energy storage system xStorage



Compact is classified as Class A,B or C system according to EN IEC 62933-2-1. Table 1 .  
Example of typical and not exclusive application classification Class A (short duration) Class B (long

## Eaton Energy Storage

With Eaton's energy storage systems, homes and businesses gain access to a safe, reliable and efficient power management that harnesses the full potential of renewable sources. Now you can store energy when it's available and when rates are at their lowest, and use it when you need it.



## xStorage Compact , Energy Storage , Eaton

Eaton xStorage Compact ermöglicht Objekteigentümern und Betriebsleitern die Herausforderungen des Energiemanagements für ihre kleinen und mittleren Gewerbe- und Industriestandorte zu lösen. Das System ist ein Komplettsystem zur Energiespeicherung in einem einzigen Rack, das in jeden begrenzten Raum passt. Es hilft dabei, den lokalen Verbrauch an ...

## Eaton xStorage Compact

The xStorage Compact ESS must be installed in a temperature and humidity-controlled indoor environment that is free of conductive contaminants. Never install the xStorage Compact ESS in an airtight room, or in the presence of flammable gases, or ...



## xStorage Compact , Energy Storage

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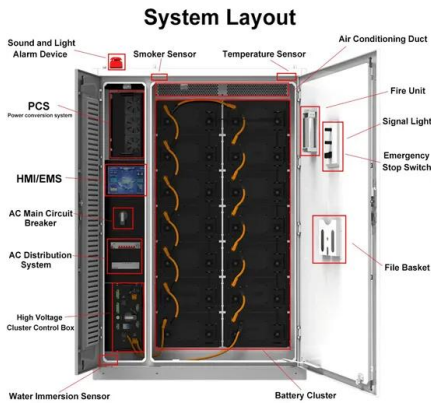
## Eaton xStorage Compact

ii INSTALLATIONSHANDBUCH EATON XSTORAGE COMPACT P-164000907 - MAI 2022 .EATON Dieses Handbuch enthält wichtige Anweisungen, die bei Installation des Eaton xStorage® Compact-Energiespeichersystems unbedingt beachtet werden müssen. Alle Anweisungen müssen vor Installation und Inbetriebnahme des Geräts gelesen werden.



## xStorage Compact , Energy Storage , Eaton

Eaton xStorage Compact is an all-in-one single-rack battery energy storage system that fits into limited space. Using this rack, building owners and facility managers can manage power generated from solar energy for their small and medium commercial and industrial sites. The



system helps them to increase renewable energy consumption and integrate EV charging ...

## xStorage Buildings , Accumulo dell'energia , Eaton

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## xStorage Compact

xStorage Compact enables light commercial building facility managers and operators to store energy from renewable sources or the grid to improve the building resiliency and reduce its carbon footprint. The system can also provide use cases such as peak shaving, load shifting or maximize PV self consumption. ©2020 Eaton All rights reserved

## Eaton Energy Storage

With Eaton's energy storage systems, homes and businesses gain access to a safe, reliable and efficient power management that harnesses the full potential of renewable sources. Now you can store energy when it's available and when ...

**18650**<sup>3.7V</sup>  
Li-ion  
RECHARGEABLE BATTERY  
**2000mAh**



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