



# KPU029 | KPU043

## CHARGING AND POWER SOLUTION

### Performance and lightness

Our mobile energy packs stand out by reaching weight without compromising the capacity. Additionally, we offer above-average output power for this size of energy pack. Ideal for demanding industrial environments, our products combine lightness, efficiency, and reliability, thus optimizing your operations without degrading performance.

### Power and flexibility

Our energy packs are portable power supply units designed to recharge or power professional equipment. Capable of generating a three-phase network with a power output of 11 kVA, they can support all types of loads, whether single-phase or three-phase. The energy packs can be recharged using a 16A three-phase network

### Autonomy and extension

Operating independently, they can also be connected in pairs to double both the power and capacity. These robust and versatile products provide a reliable and portable energy source for a wide range of industrial applications.

### Manutention

The energy packs feature lifting rings and a fork slot (for pallet trucks and telescopic handlers), as well as lifting hooks compatible with mini-excavators (starting from 1.5 tons for the VoltPod30 and 2.5 tons for the VoltPod45). They are designed in the standard European pallet size, ensuring safe and convenient handling, making them ideal for industrial environments.

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## Charging and power solution



### Storage

Integration of a dedicated storage space at the rear of the product, ideal for storing all your accessories. A specific slot for a 1-meter ground rod is also provided, ensuring that essential items are always within reach and wellorganized for practical and efficient use.

### Security

These energy packs feature a comprehensive human-machine interface (HMI), providing all the necessary information for your use, such as state of charge (SOC) and power levels per phase. They are equipped with a password protection system, ensuring that only authorized users can access and use them. The integrated storage space is also locked to prevent equipment theft. Additionally, an administrator access level allows managing user passwords and accessing maintenance and diagnostic features.



### MAIN FEATURES

#### KPU029

#### KPU043

##### Nominal rated capacity

**29 kWh**

**43,5 kWh**

Nominal rated ouput power

11 kVA

11 kVA

Rated Voltage @50Hz

230 / 400 Vac

230 / 400 Vac

##### Nominal rated ouput current

**16 A**

**16 A**

Operating temperature

-10 to 50°C

-10 to 50°C

IP degree

44

44

Single phase plug

3 x type F-16A

3 x type F-16A

Triphase ouput plug (female)

1 x 3P + N + PE - 16A

1 x 3P + N + PE - 16A

Triphase input plug (male)

1 x 3P + N + PE - 16A

1 x 3P + N + PE - 16A

Triphase plug standard

IEC 60309

IEC 60309

##### Type

**lithium NMC**

**lithium NMC**

Nominal voltage

345 V

345 V

Quantity

2

3

Lifetime (@80%DoD)

>2000 cycles

>2000 cycles

### SERVICE AND CHARGING

100% nominal power

2,32 h

3,48 h

75% nominal power

3,09 h

4,64 h

50% nominal power

4,64 h

6,96 h

25% nominal power

9,28 h

13,92 h

##### Recharging time

**1,85 h**

**2,78 h**

Dimensions (L x W x H)

1080 x 550 x 841 mm

1080 x 790 x 841 mm

##### Weight

**400 kg**

**500 kg**

Battery weight

184 kg

276 kg