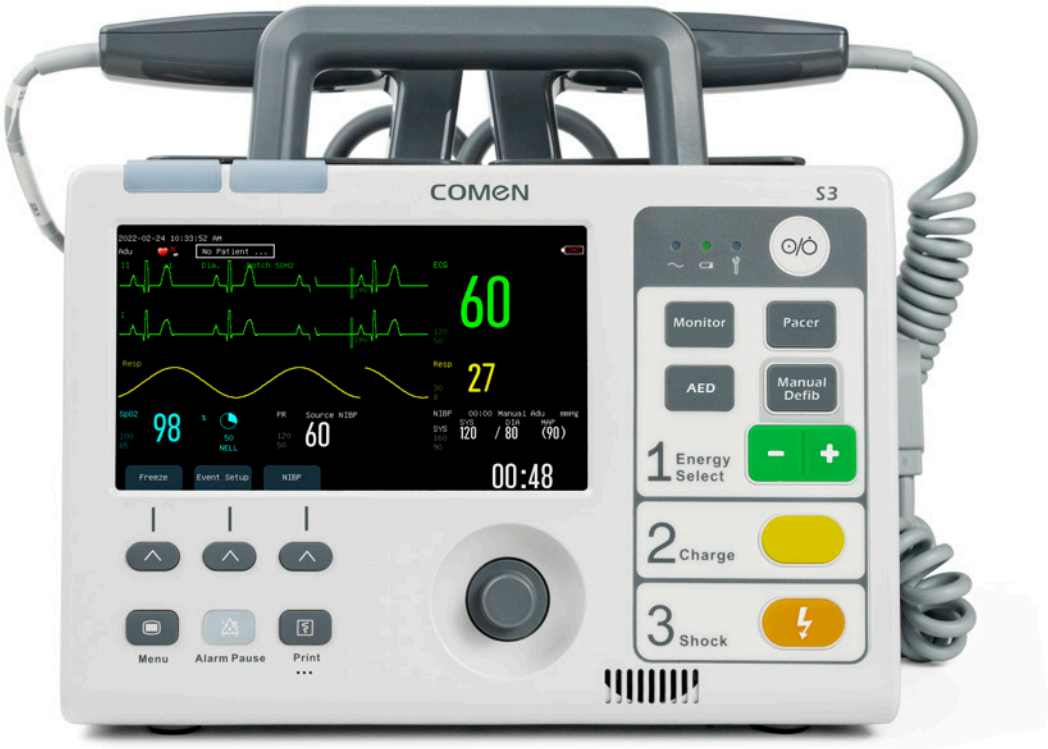


COMeN

COMeN Share with the World



S3 Defibrillator Monitor



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Faster

This easy-to-use, lightweight, and rugged defibrillator monitor give you the power to respond quickly and act confidently when you meet some emergency situations.

Faster Charging Time

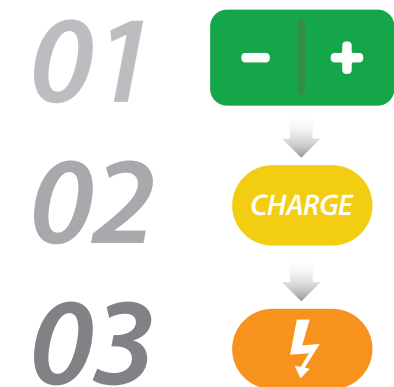
Authoritative organizations such as the AHA and the European Resuscitation Council have pointed out that when a patient suffers from cardiac arrest and ventricular fibrillation, every minute of delay reduces the probability of the patient being rescued by 12%. Therefore, rapid defibrillation is particularly important in emergency care.

To meet this clinical need, Comen focuses on the development of defibrillation fast charging technology, which can achieve 3 seconds to charge to 200J and 7s to charge to 360J. It has reached the fastest charging speed in the industry, effectively improving the efficiency of emergency care.

Faster Operation Speed

With a 7-inch large multi-color display, Comen S3 can support viewing of up to 3 waveforms. As well as numeric data, alarm events, and patient information. And Comen also focuses on fast operation, the defibrillation as easy as only 3 steps:

Select energy, press the Charge button to charge the defibrillator and press the Shock button to deliver therapy.



Faster Reaction

The multifunctional defibrillator paddle design enables the defibrillation operation to be completed on a pair of electrode paddles. And the electrode pads can be divided into large electrode pads and small electrode pads within 1 second, both adults and children can be defibrillated.





Stronger



Stronger Power Range

Based on the requirements of high-efficiency rescue required by clinicians. Comen S3 defibrillator monitor designed a wide range of selected energy from 1-360J.

Stronger BTE Technology

Advanced Biphasic Waveforms, a type of defibrillation waveform where a shock is delivered to the heart via two vectors. And AHA Guidelines provide the following recommendation: Biphasic waveforms are safe and have equivalent or higher efficacy for termination of VF when compared with monophasic waveforms.

Stronger Battery Duration

In order to meet the long-term outdoor rescue, the Comen S3 defibrillator has improved battery capacity.

Support more than 6 hours continuous use in monitoring mode, 210 times 360J discharges in defibrillation mode, and no less than 4.5 hours continuous use in pacing mode.

6h 

210 X 360J

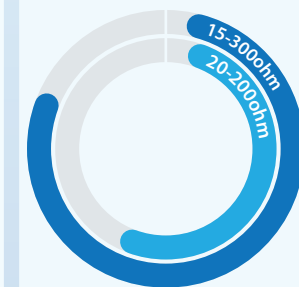
4.5h 

Stronger ECG Monitoring

As a high-end defibrillator monitor, Comen S3 also focuses on upgrading monitoring functions. Supports 3/5/6/12-lead ECG and Glasgow ECG algorithms, which can be accurately analyzed according to patient age, gender, height, etc. This enables more comprehensive ECG monitoring and arrhythmia analysis before arriving at the hospital, thus laying the foundation for quick rescue and treatment of patients arriving at the hospital.

Stronger Impedance Range

With a wider impedance range and an automatic impedance compensation, Comen S3 can provide patients with high defibrillation thresholds such as myocardial infarction, obesity, and high impedance a higher energy selection, and that indicates a greater defibrillation success rate.



Impedance range of external defibrillator: 20-200ohm

Impedance range of internal defibrillator: 15-300ohm

Stronger Testing Capability

In order to ensure normal daily use, Comen S3 supports three detection methods: power-on self-test, user self-test, and machine daily self-test.



Lighter

Lighter Weight

Outdoor rescue often means a complex and changeable environment, which requires the rescue team members to have super physical fitness and extremely high requirements for rescue equipment. To meet outdoor use needs, the Comen S3 defibrillator monitor adopts an ultra-light design, weighing only 4.5kg, and has passed the strict EN1789 ambulance standard test. It can guarantee excellent performance in complex outdoor environments.

Portable and compact

Based on lightweight, the S3 also provides a portable design that meets clinical needs, such as handles and bedside hooks, enabling the machine to be quickly transferred in a variety of usage scenarios.

