

Think GAIA

For Life and the Earth

SANYO

Rechargeable battery/dry cell battery
General catalogue



2007 Good Design Grand Prize Eneloop Universe Concept Products
グッドデザイン大賞〈内閣総理大臣賞〉



CHANGE THE FUTURE BY USING ENELOOP BATTERIES



eneloop

Ready to use Rechargeable Battery



<http://www.eneloop.com.sg>



Inspiring the world with our recycling lifestyle,
change the future by using
eneloop batteries.

Eneloop, the next generation of
environmentally friendly batteries.
The preferred rechargeable battery
in Japan and 59 countries* around
the world. Be inspired to switch from
'single-use' batteries to eneloop.
Change the lifestyle of the world
with eneloop

*As of April 2008



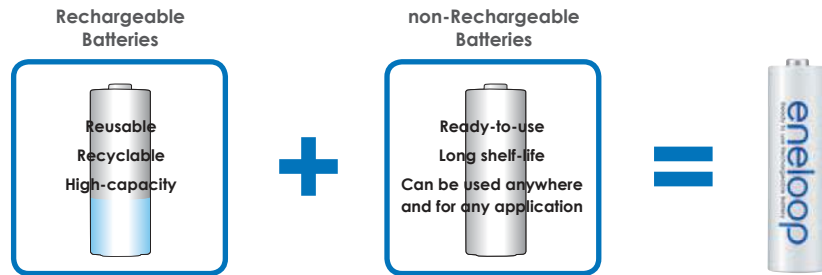
[Main countries of export]
Japan, Singapore, Australia, India, Indonesia, Malaysia, New Zealand, Philippines, South Africa, Thailand, U.A.E.



CHANGE THE WORLD

The future of the world will change
when we switch from 'single-use'
batteries to eneloop.





Ready To Use Rechargeable

Eneloop batteries are delivered pre-charged and are ready for immediate use upon purchase. There is no need to charge before use.

Eneloop batteries can be re-charged at any stage of usage, eneloop batteries can be re-charge up to 1000 times.

Long Storage Life

While normal rechargeable batteries lose their charge over time, SANYO's eneloop technology enables these batteries to keep 80% of their charge up to 2 years. No more constant recharging.

Take 4x More Pictures!

Results from our tests have shown that a typical digital camera can take 4x more pictures when using eneloop than regular alkaline batteries. Eneloop can also be used optimally in a variety of devices including toys, MP3 players, electric shavers, portable video game players, etc.

Low Temperature Operation

Eneloop is able to maintain a low self discharge rate even in temperatures as low as -10 degrees Celsius.

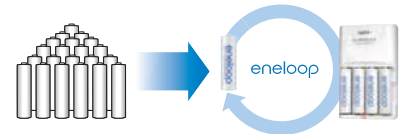
Cost Savings

While the initial cost of rechargeable batteries is high, your investment in eneloop will be recovered after only a few recharging cycles and the long term savings are substantial.

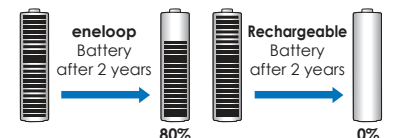
Recharge your batteries anytime

Conventional rechargeable batteries have the "memory effect" characteristic whereby recharging before the energy is completely used up will reduced the battery usage time. Eneloop batteries are not adversely affected by "memory effect" during normal usage, therefore, it is possible to top-up and recharge anytime.

eneloop: Rechargeable Up to 1,000 times.



eneloop: Longer storage life.



*Compared to regular rechargeable batteries with full initial charge in 68F conditions

Comparison Chart*: eneloop vs Regular Alkaline



*Camera : Sanyo DSC-S4, Temperature : 77F, Flash = once every 3 shots, Shots = every 20 seconds, LCD : On all the time

eneloop Recommended Use

⊙ Highly Recommended ○ Usable

	eneloop	Non-Rechargeable Batteries
digital camera	⊙	○
Mp3/Cd/Md players	⊙	○
electric flash	⊙	○
shaver	⊙	○
electric toothbrush	⊙	○
LCD TV	⊙	○
radio-controlled car	○	○
portable game	○	○
flashlight	○	○
walkie-talkie	○	○
portable radio	○	○
remote control	○	○
clock	○	○



The birth of a new collaboration by eneloop.

With up to 1000 rechargeable cycle, eneloop endeavors to bridge the gap between human, equipments and the arts. So as to forge a new better lifestyle. Creating a new lifestyle – eneloop friends.

i-SOBOT
© 2007 TAKARA TOMY





eneloop universe

'eneloop' is a product that proposes a new lifestyle - one without disposing of batteries. Once charged, it can be used repeatedly, and once used completely, it can be recycled. To promote this kind of new battery lifestyle, SANYO developed a world first rechargeable battery that can be used like a dry cell battery - 'immediately after purchase' . Based on its new vision 'Think GAIA' , SANYO is simultaneously pursuing solutions for a comfortable living and consideration for the environment and would continue providing 'Global Energy Solutions' and 'LOHAS (Lifestyles of Health and Sustainability) Solutions' .



2007 Good Design Grand Prize グッドデザイン大賞〈内閣総理大臣賞〉

In Japan, 'eneloop' won the Grand Prize from the Good Design Awards 2007 as part of the 'eneloop universe' products.

This award in which SANYO proposes environmentally conscious lifestyles based on its brand vision "Think GAIA" shows that product concepts and designs are also highly evaluated and recognized overseas.



* eneloop batteries has won the Gold Prize Award in Good Design 2006.

Portable reserve batteries that provide power for USB-compatible mobile and electronic devices.



eneloop mobile booster

Booster with a USB power port powered by eneloop batteries.



Input / USB-mini B type
Output / USB-A type x1
two removable eneloop
AA batteries

Booster with two USB power ports powered by a special high capacity li-ion battery.



Input / USB-mini B type
DC Input Jack
Output / USB-A type x2
an internal lithium-ion
battery

Li-on mobile booster

Compact Booster with a USB power port powered by a special internal high capacity li-ion battery.



Input / USB-mini B type
Output / USB-A type x1
an internal lithium-ion
battery

KBC-E1S-SP **NEW**

Mobile Booster + 2 pcs of AA eneloop

Size: AA

Quantity :

Inner carton - N.A.

Outer carton - 20 pks

Net Weight : 4.70 kg

Gross Weight : 5.70 kg

Measurement :

L359mm x W351mm x H154mm

Barcode no. : 4 994334 24643 1

Charging Time

KBC-E1S-SP	USB
eneloop AA - 1 battery	140 mins
eneloop AA - 2 batteries	280 mins

KBC-L2S-SP **NEW**

Mobile Booster **Xtra**

Size: -

Quantity :

Inner carton - N.A.

Outer carton - 10 pks

Net Weight : 2.40 kg

Gross Weight : 3.20 kg

Measurement :

L359mm x W351mm x H154mm

Barcode no. : 4 994334 24645 5

Charging Time

KBC-L2S-SP	USB	AC
	14 hrs	7 hrs

KBC-L3S-SP **NEW**

Mobile Booster

Size: -

Quantity :

Inner carton - N.A.

Outer carton - 20 pks

Net Weight : 2.70 kg

Gross Weight : 3.50 kg

Measurement :

L359mm x W351mm x H154mm

Barcode no. : 4 994334 24644 8

Charging Time

KBC-L3S-SP	USB
	7 hrs

Please check before purchase as the cable used differs according to the mobile phone company or mobile phone model. Depending on the mobile phone terminal, the battery may not be able to be recharged.



SANYO Brings Highly Successful Environmental Programme to Primary Schools in Singapore

Think GAIA - Energy Evolution Pilot Project to inculcate "green" habits among the young

SANYO Electric Co., Ltd. (SANYO) is a multi-billion-dollar global leader in providing solutions for the environment, energy and for lifestyle applications based on its Brand Vision 'Think GAIA'. SANYO Energy (S) Corp., Pte Ltd, a Regional Sales office that is based in Singapore; markets high quality battery products in the regions of Asean, Oceania, Indian Subcontinent, Middle East and Africa.

SANYO has spread its environmental message to about 250 elementary schools in Japan and China since the programme's inception in November 2005 to March 2006 through the donation of batteries and chargers. Out of these 250 schools, SANYO has conducted lessons through the EEPP programme in 57 schools, further raising awareness of its 'Think GAIA' brand vision.

This programme was introduced in Japanese schools in Singapore in November 2007. Singapore students will be the first in Asia to receive these lessons apart from their Japanese counterparts.

For the first phase, the EEPP will be rolled out to twelve schools, reaching five classes of Primary 5 students for each school.

Senior Manager (consumer Dept.) of SANYO Energy Singapore, said, "SANYO's brand vision ('Think GAIA') is based on caring for the environment. Through this program, we hope to share that vision and instil greater environmental consciousness and encourage habits to conserve the Earth's resources among the younger generation."



eneloop range of products catering to different users

AA Rechargeable Ni-MH Battery



HR-3UTG-2BP(S)

2 pcs Clamshell Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 4.80 kg
Gross Weight : 4.90 kg
Measurement :
L425mm x W325mm x H205mm
Barcode no. : 4 994334 22518 4



HR-3UTG-4BP(S)

4 pcs Clamshell Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 6.00 kg
Gross Weight : 7.00 kg
Measurement :
L425mm x W325mm x H205mm
Barcode no. : 4 994334 22519 1



HR-3UTG-2BP(B)

2 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 2.65 kg
Gross Weight : 3.60 kg
Measurement :
L417mm x W281mm x H174mm
Barcode no. : 4 994334 22518 4



HR-3UTG-4BP(B)

4 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 4.48 kg
Gross Weight : 5.74 kg
Measurement :
L417mm x W281mm x H174mm
Barcode no. : 4 994334 22519 1



HR-3UTG-8BP(S)

8 pcs Clamshell Pack
Size: AA
Quantity :
Inner carton - 5 pks
Outer carton - 20 pks
Net Weight : 5.75 kg
Gross Weight : 5.89 kg
Measurement :
L425mm x W325mm x H205mm
Barcode no. : 4 994334 22520 7

AAA Rechargeable Ni-MH Battery



HR-4UTG-2BP(S)

2 pcs Clamshell Pack
Size: AAA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 2.70 kg
Gross Weight : 3.70 kg
Measurement :
L320mm x W420mm x H201mm
Barcode no. : 4 994334 22521 4



HR-4UTG-4BP(S)

4 pcs Clamshell Pack
Size: AAA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 4.50 kg
Gross Weight : 4.70 kg
Measurement :
L425mm x W325mm x H205mm
Barcode no. : 4 994334 22522 1



HR-4UTG-2BP(B)

2 pcs Blister Pack
Size: AAA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 1.24 kg
Gross Weight : 2.49 kg
Measurement :
L417mm x W281mm x H174mm
Barcode no. : 4 994334 22521 4



HR-4UTG-4BP(B)

4 pcs Blister Pack
Size: AAA
Quantity :
Inner carton - 10 pks
Outer carton - 40 pks
Net Weight : 2.24 kg
Gross Weight : 3.54 kg
Measurement :
L417mm x W281mm x H174mm
Barcode no. : 4 994334 22522 1

eneloop Adaptors



NCS-TG1-2BP

2 pcs Blister with spacer D size Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 80 pks
Net Weight : 7.58 kg
Gross Weight : 8.40 kg
Measurement :
L375mm x W329mm x H244mm
Barcode no. : 4 994334 23565 7



NCS-TG2-2BP

2 pcs Blister with spacer C size Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 80 pks
Net Weight : 6.35 kg
Gross Weight : 7.15 kg
Measurement :
L311mm x W308mm x H244mm
Barcode no. : 4 994334 23564 0

and needs

eneloop Charger Sets



NC-CFR02-AU

2hr Quick Charger + 4 pcs of eneloop AA,
2 pcs of AAA, 2 pcs each of adaptor (C, D)
with Australia plug Pack

Quantity :
Inner carton - N.A.
Outer carton - 5 pks
Net Weight : 3.90 kg
Gross Weight : 4.20 kg
Measurement :
L319mm x W237mm x H272mm
Barcode no. : 4 994334 24640 0



NC-CFR02-UK

2hr Quick Charger + 4 pcs of eneloop AA,
2 pcs of AAA, 2 pcs each of adaptor (C, D)
with UK plug Pack

Quantity :
Inner carton - N.A.
Outer carton - 5 pks
Net Weight : 3.90 kg
Gross Weight : 4.40 kg
Measurement :
L319mm x W237mm x H272mm
Barcode no. : 4 994334 24641 7



NC-CFR02-ER

2hr Quick Charger + 4 pcs of eneloop AA,
2 pcs of AAA, 2 pcs each of adaptor (C, D)
with Europe plug Pack

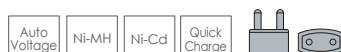
Quantity :
Inner carton - N.A.
Outer carton - 5 pks
Net Weight : 3.70 kg
Gross Weight : 4.20 kg
Measurement :
L319mm x W237mm x H272mm
Barcode no. : 4 994334 24642 4



NC-MQH03-E1

1hr Quick Charger + 2 pcs of eneloop Pack
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 2.50 kg
Gross Weight : 3.00 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 25362 0



NC-MQR02NTG-ER2

2hr Quick Charger + 2 pcs of eneloop Pack
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 2.06 kg
Gross Weight : 2.57 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 24743 8



NC-MQR02NTG-ER4

2hr Quick Charger + 4 pcs of eneloop Pack
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 2.20 kg
Gross Weight : 2.70 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 24744 5



NC-MQR02NTG-AU

2hr Quick Charger + 4 pcs of eneloop Pack
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 2.21 kg
Gross Weight : 2.71 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 24747 6



NC-MQR02N20-WEX-SP-UK

2hr Quick Charger + 4 pcs of eneloop Pack
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 2.25 kg
Gross Weight : 2.76 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 23563 3

Ready to use Rechargeable Battery

eneloop Charger Sets



NC-MDR02N-UEx-SP

Mini Charger + 2 pcs of eneloop Pack

Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 12 pks

Net Weight : 2.04 kg
Gross Weight : 2.54 kg

Measurement :
L220mm x W215mm x H195mm

Barcode no. : 4 994334 22941 0



NC-MDR03-WEX-SP-AU

Mini Charger + 2 pcs of eneloop Pack

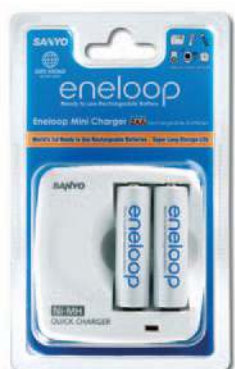
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 12 pks

Net Weight : 2.90 kg
Gross Weight : 3.50 kg

Measurement :
L570mm x W210mm x H205mm

Barcode no. : 4 994334 21775 2



NC-MDR03N-WEX-SP2

Mini Charger + 2 pcs of eneloop Pack

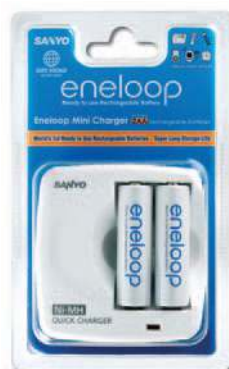
Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 12 pks

Net Weight : 2.70 kg
Gross Weight : 3.21 kg

Measurement :
L570mm x W210mm x H205mm

Barcode no. : 4 994334 21775 2



NC-MDR03-WEX-SP-UK

Mini Charger + 2 pcs of eneloop Pack

Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 12 pks

Net Weight : 3.20 kg
Gross Weight : 3.75 kg

Measurement :
L570mm x W210mm x H205mm

Barcode no. : 4 994334 21775 2



NC-MQN04BSP20-S(UK)

Standard Charger + 4 pcs of eneloop Pack

Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 8 pks

Net Weight : 3.28 kg
Gross Weight : 3.78 kg

Measurement :
L517mm x W375mm x H135mm

Barcode no. : 4 994334 23309 7



NC-MDU01-S(20)

USB Charger + 2 pcs of eneloop Pack

Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 10 pks

Net Weight : 1.20 kg
Gross Weight : 1.65 kg

Measurement :
L291mm x W235mm x H171mm

Barcode no. : 4 994334 23416 2



NC-MQN04ASP20-S(AU)

Standard Charger + 4 pcs of eneloop Pack

Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 8 pks

Net Weight : 3.28 kg
Gross Weight : 3.30 kg

Measurement :
L517mm x W375mm x H135mm

Barcode no. : 4 994334 23311 0



NC-MQN04ESP20-S

Standard Charger + 2 pcs of eneloop Pack

Size: AA

Quantity :
Inner carton - N.A.
Outer carton - 8 pks

Net Weight : 2.80 kg
Gross Weight : 3.30 kg

Measurement :
L517mm x W375mm x H135mm

Barcode no. : 4 994334 23112 3

SANYO rechargeable batteries and chargers can be used in all digital equipments, appliances & toys

AA Rechargeable Ni-MH 2700

High Capacity

**HR-3U-2BP-2700**

2 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 120 pks
Net Weight : 7.85 kg
Gross Weight : 8.35 kg
Measurement :
L266mm x W261mm x H209mm
Barcode no. : 4 994334 21740 0

**HR-3U-4BP-2700**

4 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 160 pks
Net Weight : 19.47 kg
Gross Weight : 21.50 kg
Measurement :
L358mm x W290mm x H200mm
Barcode no. : 4 994334 21741 7

AA Rechargeable Ni-MH 2500

**HR-3U-2BP-2500(N)**

2 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 120 pks
Net Weight : 7.85 kg
Gross Weight : 8.35 kg
Measurement :
L266mm x W261mm x H208mm
Barcode no. : 4 994334 19761 0

AAA Rechargeable Ni-MH 1000

High Capacity

**HR-4U-2BP(1000)**

2 pcs Blister Pack
Size: AAA
Quantity :
Inner carton - N.A.
Outer carton - 120 pks
Net Weight : 3.90 kg
Gross Weight : 4.00 kg
Measurement :
L226mm x W221mm x H208mm
Barcode no. : 4 994334 21742 4

**HR-4U-4BP(1000)**

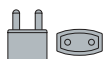
4 pcs Blister Pack
Size: AAA
Quantity :
Inner carton - N.A.
Outer carton - 120 pks
Net Weight : 6.72 kg
Gross Weight : 4.23 kg
Measurement :
L226mm x W221mm x H208mm
Barcode no. : 4 994334 21743 1

AA Rechargeable Ni-MH 2100

**HR-3U-2BP(2100)**

2 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 10 pks
Outer carton - 120 pks
Net Weight : 7.32 kg
Gross Weight : 8.10 kg
Measurement :
L257mm x W215mm x H240mm
Barcode no. : 4 994334 16901 3

Refresh Quick Charger



Auto Voltage

Ni-MH

Ni-Cd

Refresh Function

**NC-MQR03N27-ER**

Refresh Charger + 2 pcs of 2700 Pack
Size: AA
Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 1.70 kg
Gross Weight : 2.20 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 24749 0



Auto Voltage

Ni-MH

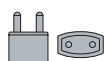
Ni-Cd

Refresh Function

**NC-MQR03RNUEX2-SS**

Refresh Charger + 2 pcs of 2700 Pack
Size: AA
Quantity :
Inner carton - N.A.
Outer carton - 20 pks
Net Weight : 3.90 kg
Gross Weight : 4.00 kg
Measurement :
L207mm x W157mm x H280mm
Barcode no. : 4 994334 23353 0

2 hr Quick Charger



Auto Voltage

Ni-MH

Ni-Cd



Auto Voltage

Ni-MH

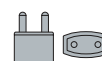
Ni-Cd

**NC-MQR02N27-ER**

2hr Quick Charger + 2 pcs of 2700 Pack
Size: AA
Quantity :
Inner carton - N.A.
Outer carton - 10 pks
Net Weight : 1.70 kg
Gross Weight : 2.20 kg
Measurement :
L487mm x W265mm x H195mm
Barcode no. : 4 994334 24748 3

**NC-MQR02N27-UEx**

2hr Quick Charger + 2 pcs of 2700 Pack
Size: AA
Quantity :
Inner carton - N.A.
Outer carton - 20 pks
Net Weight : 4.00 kg
Gross Weight : 4.40 kg
Measurement :
L207mm x W157mm x H280mm
Barcode no. : 4 994334 23113 0



Ni-MH

**NC-MQN04ESP27-S**

Standard Charger + 2 pcs of 2700 Pack
Size: AA
Quantity :
Inner carton - N.A.
Outer carton - 8 pks
Net Weight : 2.70 kg
Gross Weight : 3.30 kg
Measurement :
L517mm x W375mm x H135mm
Barcode no. : 4 994334 23111 6

Refresh function

This function eliminates the 'memory effect' in conventional batteries. Once a battery is properly discharged, it can be recharge continuously to its optimal level thereby enhancing performance of the battery.

What is 'memory effect'?

When Ni-Cd or Ni-MH batteries are not fully discharged between charge cycles, 'memory effect' happens. This reduces the capacity of the battery thereby affect the length of usage per charge.

Maintain a full charge

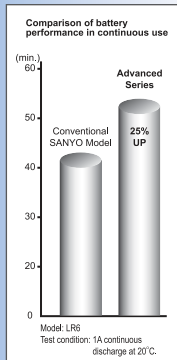
Our chargers are equipped with a function to maintain batteries at a fully charge stage when left plugged in. This will ensure that the immediate usage of batteries at their optimal charge level.

"Advanced Alkaline" Series

Significant improvements in storage capability!



AA/AAA batteries



❖ By incorporating the latest in new materials and sophisticated technology this series delivers 25% more power compared to conventional SANYO alkaline batteries. The durable, long-lasting capability makes the "Advanced Alkaline" series particularly effective for information and audio/video equipment requiring high current and continuous electrical discharge.

❖ Shows minimal deterioration in battery performance even after long-term storage (less than 1% deterioration after two years of storage).

❖ For enhanced ecology, these batteries are 100% mercury/lead-free.

High shock-resistant when carried around!

Stable performance even in environment where there is harsh usage of mobile equipments.
The latest unique anode gel technology developed by the company prevents voltage reduction.

Environmentally friendly measures

- zero usage of mercury for batteries
- use of PET (no PVC) for external packaging labels for batteries.
- zero usage of lead for alkaline batteries. (AA, AAA battery)

We continue in our efforts to protect the environment.

Dedicated batteries for equipments with special needs



LR20/2S

2 pcs Shrink Pack

Size: D

Quantity :
Inner carton - 5 pks
Outer carton - 60 pks
Net Weight : 16.80 kg
Gross Weight : 12.00 kg

Measurement :
L318mm x W232mm x H206mm
Barcode no. : 4 994334 13803 3



LR14/2S

2 pcs Shrink Pack

Size: C

Quantity :
Inner carton - 5 pks
Outer carton - 120 pks
Net Weight : 17.00 kg
Gross Weight : 17.00 kg

Measurement :
L315mm x W315mm x H220mm
Barcode no. : 4 994334 13805 7



LR1/2S

2 pcs Shrink Pack

Size: N

Quantity :
Inner carton - 5 pks
Outer carton - 600 pks
Net Weight : 11.21 kg
Gross Weight : 11.80 kg

Measurement :
L293mm x W198mm x H193mm
Barcode no. : N.A.



LR6/2S(A)

2 pcs Shrink Pack

Size: AA

Quantity :
Inner carton - 20 pks
Outer carton - 100 pks
Net Weight : 4.50 kg
Gross Weight : 5.00 kg

Measurement :
L282mm x W153mm x H85mm
Barcode no. : N.A.



LR03/2S(A)

2 pcs Shrink Pack

Size: AAA

Quantity :
Inner carton - 250 pks
Outer carton - 500 pks
Net Weight : 11.00 kg
Gross Weight : 12.00 kg

Measurement :
L262mm x W302mm x H135mm
Barcode no. : N.A.



LR20/2B(A)

2 pcs Blister Pack

Size: D

Quantity :
Inner carton - 10 pks
Outer carton - 60 pks
Net Weight : 16.98 kg
Gross Weight : 17.00 kg

Measurement :
L372mm x W360mm x H227mm
Barcode no. : 4 994334 13802 6



LR14/2B(A)

2 pcs Blister Pack

Size: C

Quantity :
Inner carton - 10 pks
Outer carton - 120 pks
Net Weight : 17.50 kg
Gross Weight : 17.50 kg

Measurement :
L320mm x W315mm x H325mm
Barcode no. : 4 994334 13804 0



LR1/2B

2 pcs Blister Pack

Size: N

Quantity :
Inner carton - 20 pks
Outer carton - 500 pks
Net Weight : 9.00 kg
Gross Weight : 13.00 kg

Measurement :
L598mm x W382mm x H186mm
Barcode no. : N.A.



LR6/2B(A)

2 pcs Blister Pack

Size: AA

Quantity :
Inner carton - 10 pks
Outer carton - 120 pks
Net Weight : 6.80 kg
Gross Weight : 7.00 kg

Measurement :
L255mm x W251mm x H179mm
Barcode no. : 4 994334 17557 1



LR03/2B(A)

2 pcs Blister Pack

Size: AAA

Quantity :
Inner carton - 10 pks
Outer carton - 120 pks
Net Weight : 3.50 kg
Gross Weight : 4.00 kg

Measurement :
L253mm x W195mm x H181mm
Barcode no. : 4 994334 17560 1



LR6/4B(A)

4 pcs Blister Pack

Size: AA

Quantity :
Inner carton - 20 pks
Outer carton - 160 pks
Net Weight : 14.72 kg
Gross Weight : 15.00 kg

Measurement :
L330mm x W292mm x H185mm
Barcode no. : 4 994334 17558 8



LR03/4B(A)

4 pcs Blister Pack

Size: AAA

Quantity :
Inner carton - 20 pks
Outer carton - 360 pks
Net Weight : 18.70 kg
Gross Weight : 19.7 kg

Measurement :
L386mm x W381mm x H185mm
Barcode no. : 4 994334 17561 8



6LF22/1B

1 pc Blister Pack

Size: 9V

Quantity :
Inner carton - 12 pks
Outer carton - 288 pks
Net Weight : 17.00 kg
Gross Weight : 17.30 kg

Measurement :
L547mm x W265mm x H293mm
Barcode no. : 4 994334 13030 3

HEAVY DUTY

ZINC CARBON BATTERY - HEAVY DUTY



SSP-HC9V
1 pc Blister Pack
Size: 9V
Quantity :
Inner carton - 12 pks
Outer carton - 48 pks
Net Weight : 1.77 kg
Gross Weight : 2.60 kg
Measurement :
L282mm x W124mm x H124mm
Barcode no. : 4 994 334 22229 9



SSP-HC4AAA
4 pcs Blister Pack
Size: AAA
Quantity :
Inner carton - 12 pks
Outer carton - 48 pks
Net Weight : 1.70 kg
Gross Weight : 2.30 kg
Measurement :
L226mm x W143mm x H189mm
Barcode no. : 4 994 334 17365 2



SSP-HC2AAA
2 pcs Blister Pack
Size: AAA
Quantity :
Inner carton - 12 pks
Outer carton - 48 pks
Net Weight : 0.84 kg
Gross Weight : 1.50 kg
Measurement :
L226mm x W143mm x H189mm
Barcode no. : 4 994 334 22225 1



SSP-HC4AA
4 pcs Blister Pack
Size: AA
Quantity :
Inner carton - 12 pks
Outer carton - 48 pks
Net Weight : 3.40 kg
Gross Weight : 4.10 kg
Measurement :
L225mm x W156mm x H231mm
Barcode no. : 4 994 334 21775 2



SSP-HC2C
2 pcs Blister Pack
Size: C
Quantity :
Inner carton - 12 pks
Outer carton - 48 pks
Net Weight : 4.60 kg
Gross Weight : 5.20 kg
Measurement :
L303mm x W336mm x H195mm
Barcode no. : 4 994 334 21774 5



SSP-HC2D
2 pcs Blister Pack
Size: D
Quantity :
Inner carton - 12 pks
Outer carton - 48 pks
Net Weight : 10.40 kg
Gross Weight : 10.50 kg
Measurement :
L336mm x W225mm x H242mm
Barcode no. : 4 994 334 21773 8

ZINC CARBON BATTERY - NEO SUPER

NEO SUPER



SUM-1(N)
2 pcs Shrink Pack
Size: D
Quantity :
Inner carton - 12 pks
Outer carton - 72 pks
Net Weight : N.A.
Gross Weight : 15.40 kg
Measurement :
L285mm x W216mm x H206mm
Barcode no. : N.A.



SUM-2(N)
2 pcs Shrink Pack
Size: C
Quantity :
Inner carton - 12 pks
Outer carton - 72 pks
Net Weight : N.A.
Gross Weight : 7.40 kg
Measurement :
L215mm x W165mm x H160mm
Barcode no. : N.A.



SUM-3(N)
4 pcs Shrink Pack
Size: AA
Quantity :
Inner carton - 12 pks
Outer carton - 72 pks
Net Weight : N.A.
Gross Weight : 11.70 kg
Measurement :
L272mm x W222mm x H145mm
Barcode no. : 4 973934 22792 7



UM-4(D)
2 pcs Shrink Pack
Size: AAA
Quantity :
Inner carton - 20 pks
Outer carton - 800 pks
Net Weight : 14.00 kg
Gross Weight : 15.00 kg
Measurement :
L368mm x W286mm x H125mm
Barcode no. : 4 994334 13029 7



S-006P(N)-1SP
1 pc Shrink Pack
Size: 9V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 7.10 kg
Gross Weight : 8.10 kg
Measurement :
L275mm x W165mm x H160mm
Barcode no. : 49 13882 5

ZINC CARBON BATTERY - SUPER

SUPER



UM-1
2 pcs Shrink Pack
Size: D
Quantity :
Inner carton - 12 pks
Outer carton - 144 pks
Net Weight : 27.80 kg
Gross Weight : 28.40 kg
Measurement :
L417mm x W282mm x H206mm
Barcode no. : N.A.



UM-2
2 pcs Shrink Pack
Size: C
Quantity :
Inner carton - 12 pks
Outer carton - 144 pks
Net Weight : 13.45 kg
Gross Weight : 14.10 kg
Measurement :
L322mm x W215mm x H174mm
Barcode no. : N.A.



UM-3
4 pcs Shrink Pack
Size: AA
Quantity :
Inner carton - 12 pks
Outer carton - 144 pks
Net Weight : 10.70 kg
Gross Weight : 10.90 kg
Measurement :
L245mm x W181mm x H165mm
Barcode no. : N.A.

Lithium Batteries

LITHIUM BATTERIES FOR DIGITAL CAMERAS

High performance/high capacity ensures that you will not miss any shots with the camera.



CR-V3-1BP(GSD)

1 pc Blister Pack
Size: 3V
Quantity :
Inner carton - 20 pks
Outer carton - 200 pks
Net Weight : 7.10 kg
Gross Weight : 9.30 kg
Measurement :
L264mm x W478mm x H205mm
Barcode no. : 4 994334 16957 7

Advantages when used in digital cameras

No missing of shots

Higher capacity and faster flash recovery compared to alkaline batteries

Longer Continuous Usage Period

Higher capacity of 3300mAh, 7 times higher than alkaline batteries*

(* 3w continuous discharge at 23°C, final voltage at 2.0V)

Low Temperature usage

Excellent performance even in low-temperature (Temperature range: -40°C to 60°C)

Excellent storage quality

Self-discharge rate at 23°C is less than 1% annually

PHOTO LITHIUM



CR2-1BP(GSD)-P

1 pc Blister Pack
Size: 3V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 1.70 kg
Gross Weight : 4.40 kg
Measurement :
L458mm x W262mm x H213mm
Barcode no. : 4 994334 16957 0



CR123A-1BP(GSD)-P

1 pc Blister Pack
Size: 3V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 5.50 kg
Gross Weight : 5.50 kg
Measurement :
L458mm x W262mm x H210mm
Barcode no. : 4 994334 16956 3



2CR5-1BP(GSD)-P

1 pc Blister Pack
Size: 6V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 8.00 kg
Gross Weight : 10.20 kg
Measurement :
L510mm x W266mm x H208mm
Barcode no. : 4 994334 16954 9



CR2-PL(N)-P

1 pc Pillow
Size: 3V
Quantity :
Inner carton - 70 pks
Outer carton - 700 pks
Net Weight : 5.40 kg
Gross Weight : 5.90 kg
Measurement :
L270mm x W200mm x H300mm
Barcode no. : N.A.



CR123A-PL(N)-P

1 pc Pillow
Size: 3V
Quantity :
Inner carton - 40 pks
Outer carton - 400 pks
Net Weight : 7.50 kg
Gross Weight : 7.50 kg
Measurement :
L310mm x W300mm x H140mm
Barcode no. : N.A.



CR-P2-1BP(GSD)-P

1 pc Blister Pack
Size: 6V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 9.50 kg
Gross Weight : 10.00 kg
Measurement :
L575mm x W268mm x H210mm
Barcode no. : 4 994334 16955 6

COIN TYPE LITHIUM BATTERY



CR2016-5BP

5 pcs Blister Pack
Size: 3V
Quantity :
Inner carton - 20 pks
Outer carton - 400 pks
Net Weight : 3.90 kg
Gross Weight : 4.40 kg
Measurement :
L386mm x W278mm x H162mm
Barcode no. : N.A.



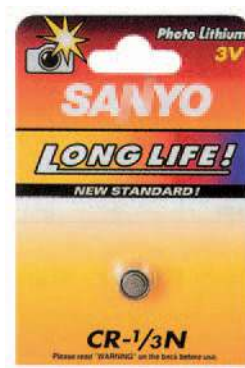
CR2025-5BP

5 pcs Blister Pack
Size: 3V
Quantity :
Inner carton - 20 pks
Outer carton - 400 pks
Net Weight : 5.90 kg
Gross Weight : 6.40 kg
Measurement :
L383mm x W279mm x H159mm
Barcode no. : N.A.



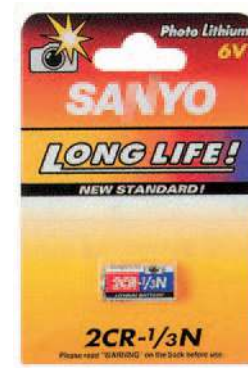
CR2032-5BP

5 pcs Blister Pack
Size: 3V
Quantity :
Inner carton - 20 pks
Outer carton - 400 pks
Net Weight : 6.90 kg
Gross Weight : 7.40 kg
Measurement :
L386mm x W279mm x H159mm
Barcode no. : N.A.



CR1/3N-1BP(N)

1 pc Blister Pack
Size: 3V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 2.20 kg
Gross Weight : 2.70 kg
Measurement :
L388mm x W263mm x H208mm
Barcode no. : 4 994334 13345 8



2CR1/3N-1BP(N)

1 pc Blister Pack
Size: 6V
Quantity :
Inner carton - 10 pks
Outer carton - 200 pks
Net Weight : 2.70 kg
Gross Weight : 3.00 kg
Measurement :
L382mm x W266mm x H202mm
Barcode no. : 4 994334 13346 5

Rechargeable Battery Handling Precautions (Nickel-Metal Hydride and Nickel-Cadmium Batteries)

Charge only with a SANYO specific charger.

DANGER

- ❖ To avoid heat generation, bursting, fire and leakage:
 - Never dispose of the batteries in fire or heat them.
 - Do not connect the (+) and (-) ends with metal objects. When carrying or storing batteries, avoid direct contact with metal objects, such as necklaces or hairpins.
 - Do not deform, solder, disassemble or modify batteries.
 - Do not use batteries with their (+) (positive) and (-) (negative) terminals reversed.

- Do not connect batteries directly to a power source or a car cigarette lighter socket.
- ❖ If leaked liquid should get in the eyes, immediately rinse them with clean water and consult a physician.

DANGER [For cordless communications equipment]

- ❖ When connecting to a telephone or facsimile, make sure that the plug is connected in the correct direction.

WARNING

- ❖ Do not remove the outer tube from the battery or damage it.
- ❖ If battery liquid leakage is noticed, or a change in colour or shape occurs, discontinue battery use.

- ❖ Store batteries out of reach of infants and small children.
- ❖ If leaked liquid gets on skin or clothing, wash off with clean water immediately.
- ❖ Do not connect 20 or more batteries in series.
- ❖ Do not charge batteries beyond the recommended time described in the instruction manual for the charger or other equipment.

CAUTION

- ❖ Do not strike or drop batteries.
- ❖ Be sure to refer to equipment instruction manual when using batteries.
- ❖ Do not use old and new batteries together or batteries with different charge levels.

- ❖ Do not use rechargeable batteries with dry cells or other batteries of different capacity, type or brand.
- ❖ When two or more batteries are to be used together, charge them simultaneously prior to use.
- ❖ When using a battery for the first time after purchase or after having not used it for a long time, be sure to charge it.

Ambient Temperature Range

- ❖ Discharging (when used in equipment): -20°C to 60°C
 - ❖ Charging (when used in equipment): 0°C to 45°C
 - ❖ Storage: -30°C to 35°C
- Using or storing in a temperature range other than the above is not recommended, as it may shorten battery service life.

Primary Battery Handling Precautions (Lithium, Alkaline and Manganese Batteries)

Improper handling of batteries can lead to heat generation, bursting or fire. To prevent accidents, be sure to follow these precautions.

WARNING (General)

- ❖ Keep batteries out of children's reach.
- ❖ If leaked liquid is ingested or a battery is swallowed, consult a physician immediately.

- ❖ Do not charge, heat, disassemble or dispose of in fire.
- ❖ Do not insert batteries with (+) (positive) and (-) (negative) terminals reversed.
- ❖ Do not short-circuit. When carrying or storing batteries, avoid direct contact with metal objects such as bracelets or key chains.
- ❖ Do not use new and used batteries together. Do not use different types of batteries together.

- ❖ If leaked liquid gets in the eyes, rinse them immediately with clean water and consult a physician.

WARNING (Lithium batteries)

- ❖ In case of leakage or strange odor, keep away from fire to prevent ignition of any leaked electrolyte.
- ❖ Be sure to wrap each battery individually for disposal or storage to avoid short circuiting.

WARNING (Camera-use lithium batteries)

- ❖ Do not use batteries for unspecified purposes.

CAUTION (General)

- ❖ When completely discharged, be sure to remove batteries from equipment immediately.
- ❖ Keep batteries away from direct sunlight, high temperatures and humidity.
- ❖ Avoid contact with water.

Charger Handling Precautions

WARNING

- ❖ To avoid battery leakage, overheating or bursting:
 - Do not attempt to use charger anything other than SANYO batteries.
 - Do not use the charger with batteries that have been inserted with their (+) and (-) terminals reversed.
- ❖ To avoid overheating, fire or electric shock:
 - Never modify or disassemble the charger.

- Do not insert metal wires or similar objects.
- Be sure to use the charger with the proper voltage.
- Be sure to disconnect the power plug before performing any maintenance or cleaning.
- Never plug in or disconnect the power plug with wet hands
- Do not immerse the charger in water or use it in humid area such as in a bathroom.




- ❖ Keep the charger out of the reach of small children.




CAUTION

- ❖ To avoid short circuiting, fire or electric shock:
 - Do not use the charger if the power plug is damaged or not fully inserted into the outlet.
- ❖ To avoid battery overheating, fire, leakage or bursting:






- Do not charge batteries continuously for more than 2 days (48 hours).
- Be sure to charge batteries within a temperature range of 0°C to 40°C.
- Do not put heavy objects on top of the charger or store it in an unstable position or humid place.
- ❖ If the charger appears to be malfunctioning, disconnect the power plug and consult your nearest service station.
- ❖ Disconnect the power plug when not charging.

SANYO batteries quick-reference table

eneloop Charging Chart						
Type Of Charger				1HR QUICK CHARGER	BASIC FAMILY PACK	
Model Name				NC-MQH03-E1	NC-CFR02-ER	NC-CFR02-UK
Number and Type of cells included Charging Time: eneloop ready-to-use rechargeable batteries (Ni-MH)	AA	2000mAh	1-2 batteries 3-4 batteries	60 mins 120 mins	100 mins 220 mins	100 mins 220 mins
	AAA	800mAh	1-2 batteries 3-4 batteries	60 mins 120 mins	155 mins -	155 mins -
	AA	2700mAh	1-2 batteries 3-4 batteries	81 mins 162 mins	135 mins 305 mins	135 mins 305 mins
Ni-MH	AA	2500mAh	1-2 batteries 3-4 batteries	75 mins 150 mins	125 mins 280 mins	125 mins 280 mins
	AA	2100mAh	1-2 batteries 3-4 batteries	- -	105 mins 230 mins	105 mins 230 mins
	AAA	1000mAh	1-2 batteries 3-4 batteries	75 mins 150 mins	205 mins -	205 mins -
Ni-Cd	AA	700mAh	1-2 batteries 3-4 batteries	- -	35 mins 80 mins	35 mins 80 mins
Special Features/ safety control				○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○
Charging Type: Ni-MH / Ni-Cd				Ni-MH	Ni-MH / Ni-Cd	Ni-MH / Ni-Cd
Charging Indication						
Charging process begins				Red light is on	Red light is on	Red light is on
Charging process ends				Red light is off	Red light is off	Red light is off
Charging Characteristics						
Individual Charging				○	○	○
Charge in 2 or 4pcs of batteries				-	-	-
Voltage				100V-240V	100V-240V	100V-240V

eneloop Charging Chart						
Type Of Charger				MINI CHARGER		
Model Name				NC-MDR02N-UEX-SP	NC-MDR03N-WEX-SP2	NC-MDR03-WEX-SP-UK
Number and Type of cells included Charging Time: eneloop ready-to-use rechargeable batteries (Ni-MH)	AA	2000mAh	1-2 batteries 3-4 batteries	240 mins -	240 mins -	240 mins -
	AAA	800mAh	1-2 batteries 3-4 batteries	135 mins -	135 mins -	135 mins -
Ni-MH	AA	2700mAh	1-2 batteries 3-4 batteries	290 mins -	290 mins -	290 mins -
	AA	2500mAh	1-2 batteries 3-4 batteries	265 mins -	265 mins -	265 mins -
	AA	2100mAh	1-2 batteries 3-4 batteries	220 mins -	220 mins -	220 mins -
Ni-Cd	AAA	1000mAh	1-2 batteries 3-4 batteries	170 mins -	170 mins -	170 mins -
	AA	700mAh	1-2 batteries 3-4 batteries	- -	- -	- -
Special Features/ safety control				○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○
Charging Type: Ni-MH / Ni-Cd				Ni-MH	Ni-MH	Ni-MH
Charging Indication						
Charging process begins				Red light is on	Red light is on	Red light is on
Charging process ends				Red light is off	Red light is off	Red light is off
Charging Characteristics						
Individual Charging				○	○	○
Charge in 2 or 4pcs of batteries				-	-	-
Voltage				100V-240V	100V-240V	100V-240V

				
BASIC FAMILY PACK	2HR QUICK CHARGER			ENELOOP MOBILE BOOSTER
NC-CFR02-AU	NC-MQR02NTG-ER2	NC-MQR02NTG-ER4	NC-MQR02N20-WEX-SP(UK)	KBC-E1S-SP
100 mins 220 mins	100 mins 220 mins	100 mins 220 mins	100 mins 220 mins	140 mins / 280 mins
155 mins -	155 mins -	155 mins -	155 mins -	-
135 mins 305 mins	135 mins 305 mins	135 mins 305 mins	135 mins 305 mins	-
125 mins 280 mins	125 mins 280 mins	125 mins 280 mins	125 mins 280 mins	-
105 mins 230 mins	105 mins 230 mins	105 mins 230 mins	105 mins 230 mins	-
205 mins -	205 mins -	205 mins -	205 mins -	-
35 mins 80 mins	35 mins 80 mins	35 mins 80 mins	35 mins 80 mins	-
○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○
Ni-MH / Ni-Cd	Ni-MH / Ni-Cd	Ni-MH / Ni-Cd	Ni-MH / Ni-Cd	Ni-MH
Red light is on Red light is off	Red light is on Red light is off	Red light is on Red light is off	Red light is on Red light is off	Blue Light blinking per 1.5secs Blue light remain lighted
○ -	○ -	○ -	○ -	○ -
100V-240V	100V-240V	100V-240V	100V-240V	-

				
MINI CHARGER	STANDARD CHARGER			USB CHARGER
NC-MDR03N-WEX-SP-AU	NC-MQN04ESP20-S	NC-MQN04BSP20-S(UK)	NC-MQN04ASP20-S(AU)	NC-MDU01-S(20)
240 mins -	2 or 4 AA batteries: 10hrs	2 or 4 AA batteries: 10hrs	2 or 4 AA batteries: 10hrs	140 mins / 280 mins
135 mins -	2 or 4 AAA batteries: 8hrs	2 or 4 AAA batteries: 8hrs	2 or 4 AAA batteries: 8hrs	60 mins / 120 mins
290 mins -	2 or 4 AA batteries: 13hrs	2 or 4 AA batteries: 13hrs	2 or 4 AA batteries: 13hrs	-
265 mins -	2 or 4 AA batteries: 12hrs	2 or 4 AA batteries: 12hrs	2 or 4 AA batteries: 12hrs	-
220 mins -	-	-	-	-
170 mins -	2 or 4 AAA batteries: 10hrs	2 or 4 AAA batteries: 10hrs	2 or 4 AAA batteries: 10hrs	-
-	-	-	-	-
-	-	-	-	-
○ ○ ○ ○ ○ ○ ○	○ - - - - - -	○ - - - - - -	○ - - - - - -	○ ○ ○ ○ ○ ○ ○
Ni-MH	Ni-MH	Ni-MH	Ni-MH	Ni-MH
Red light is on Red light is off	Green light is on Green light is off	Green light is on Green light is off	Green light is on Green light is off	Blue Light blinking per 1.5secs Blue light remain lighted
○ -	- ○	- ○	- ○	- ○
100V-240V	230V	230V	240V	-

www.eneloop.com.sg

MIDDLE EAST :
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<http://www.sanyogulf.com>

INDIA :
SANYO INDIA PRIVATE LIMITED
<http://www.sanyoindia.com>

THAILAND :
SANYO (THAILAND) CO.,LTD
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PHILIPPINES :
SANYO PHILIPPINES INC
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SINGAPORE REGIONAL HQ :
SANYO ENERGY (S) CORP., PTE LTD
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AFRICA :
SANYO SOUTH AFRICA (PTY) LTD
<http://www.sanyo.co.za>

AUSTRALIA / NEW ZEALAND :
SANYO OCEANIA PTY LTD
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SANYO

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