

Nice Group South Africa (Pty) Ltd 15 Nelson Road Observatory 7925 Cape Town South Africa P.O. Box 34524 Groote Schuur 7937

Phone: +27 21 404 0800 Sharecall: 0860 109 238 VAT Number: 4430244097 Registration Number: 2007/035937/07

Email: za@niceforyou.com www.niceforyou.com/za

# Nice Group South Africa (Pty) Ltd Warranty Policy for Nice branded Batteries

#### Applicable warranty period:

Item Code	Description	Warranty Period – Month/Cycles *
00014-100	LiFePO4 12V 7Ah	24 months/2000 cycles
00963-100	LiFePO4 24V 3.5Ah	24 months/2000 cycles
03509-000	Li-lon 24V 1.5Ah	6 months/300 cycles
00013-000	Sealed Lead-Acid 12V 1.3Ah	3 months/300 cycles
00014-000	Sealed Lead-Acid 12V 7Ah	3 months/500 cycles
00963-000	Sealed Lead-Acid 24V 3.5Ah	3 months/300 cycles
01944-000	Sealed Lead-Acid 24V 5Ah	3 months/300 cycles

<sup>\*</sup>Month/Cycles whichever comes first

Terms and conditions of this warranty policy:

- 1. The warranty is only valid if a Nice battery is used for the application/s that we specify it is designed for and within its specified usage parameters that can be found on the technical data sheet.
- 2. We warrant that all Nice batteries are free from manufacturing defects at the time of sale.
- 3. The warranty is only valid if as Nice battery is used for application/s that we specify and within its specified usage parameters that can be found on the technical data sheets. Technical data sheets can be emailed on request.
- 4. It is normal for the maximum capacity of all rechargeable batteries to reduce when used as intended or over extended storage periods without charge/discharge cycling. This natural reduction in maximum capacity is expected and not deemed to be a defect
- 5. Each Nice battery has an acceptable expected number of charge/discharge cycles (Life cycles) that are indicated in their technical data sheet. The expiration of a Nice battery, prior to the warranty period above, will be deemed as normal if the usage exceeds the life cycles data specified. In a case such as this, a warranty claim will be deemed invalid, as the expected service from the Nice battery has been achieved.
- 6. All Nice batteries are sealed maintenance free batteries that are serialized. A warranty claim will be deemed invalid if a battery has been opened, tampered with, modified or if the serial number has been removed prior to the Nice battery being returned to the premises of Nice Group South Africa (Pty) Ltd.
- 7. All warranty claims must be accompanied by the original invoice.
- 8. The warranty period indicated is calculated from the invoice date, given that the invoice date is within 6 months of the battery manufacturing date. If the invoice date is longer than 6 months after the manufacturing date, the warranty period will be calculated as starting from 6 months after the manufacturing date, irrespective of the invoice date.
- 9. All warranty claims must be directed to the respective reseller noted on the original invoice that accompanied the battery.
- 10. This warranty is subject to the suspected defective battery being returned to the premises of Nice Group South Africa (Pty) Ltd.
- 11. The carriage of goods is for the customer's account.
- 12. We will only replace or refund the invoiced price of a Nice battery after a warranty claim has been verified by our service and support technicians. Any other exchange or refund will not be deemed to have been executed under the terms of this warranty document.
- 13. Nice Group South Africa (Pty) Ltd service and support technicians are trained in the testing and assessment of our Nice batteries in accordance with our quality assurance policies. Any Nice battery returned under warranty will be subjected to a standard inspection and testing that will include charging and discharging. (Please note that this can take up to 48 hours to complete in the case of some battery models)



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# See below General parameters of batteries (Refer to item code):

## 000014-100 LiFePO4 12V 7Ah

#### **Performance Characteristics.**

Nominal Voltage	12.8V
Nominal Capacity	7Ah
Design Life	>2000 cycles @0.2C 90% DOD

## **Temperature Limitations**

Discharge	-20 < 60°C
Charge	0 < 45°C
Storage	0 < 40°C

Charging mode	Charging voltage at 25°C	Charging current	Recommended stop and maintain voltage	Over voltage protection cut-off
Constant Current (CC) phase	14.4 +/-0.2V	1.4A < 6A	14.4V	14.8 +/-0.2V
Constant Voltage (CV) Phase	14.4 +/-0.2V	140mA	14.4V	14.8 +/-0.2V

## 00963-100 LiFePO4 24V 3.5Ah

Nominal Voltage	25.6V
Nominal Capacity	3.5Ah
Design Life	>2000 cycles @0.2C 80% DOD

Discharge	-20~60°C
Charge	0~45°C
Storage	0~40°C

Charging method	Charging voltage at 25°C	Recommended stop and maintain voltage	Cut-off voltage protection	Recommended charging current	Max. Charging current	Recommended current limiting @ maintain voltage.
Constant Voltage (CV)	28.8 +/-0.2V	28.8V	29.6 +/-0.2V	1.75A	3.5A	0.7A (0.2C) @ 28.8V
Constant Current (CC)	28.8 +/-0.2V	28.8V	29.6 +/-0.2V	0.7A (0.2C)	3.5A	0.7A (0.2C) @ 28.8V

#### 03509-000 Li-lon 24V 1.5Ah

Nominal Voltage	25,9V
Nominal Capacity	1.5Ah
Design Life	≥300 cycles @0.2C 80% DOD

Discharge	-20~60°C
Charge	0~45°C
Storage	-20~45°C
Storage	one month

Charging method	Charging voltage at 25°C	Recommended stop and maintain voltage	Cut-off voltage protection	Recommended charging current	Max. Charging current	Recommended current limiting @ maintain voltage.
Constant Voltage (CV)	28.8 +/-0.2V	28.8V	29.6 +/-0.2V	0.75A (0.5C)	1.5A (1C)	0.3A (0.2C) @ 28.8V
Constant Current (CC)	28.8 +/-0.2V	28.8V	29.6 +/-0.2V	0.3A (0.2C)	1.5A (1C)	0.3A (0.2C) @ 28.8V

## 00013-000 Sealed Lead-Acid 12V 1.3Ah

Nominal Voltage	12V
Nominal Capacity	1.2Ah
Design Life	<300 cycles @ 0.2C 90% DOD

Discharge	-20 < 60°C
Charge	-10 < 60°C
Storage	-20 < 60°C

Charging mode	Charging voltage at 25°C	Charging current	Recommended stop and maintain voltage	Over voltage protection cut-off
Constant Current (CC) phase	14.5 +/-0.2V	<300mA	13.6V	N/A
Constant Voltage (CV) Phase	13.6 +/-0.2V	25mA	13.6V	N/A



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#### 00014-000 Sealed Lead-Acid 12V 7Ah

Nominal Voltage	12.8V
Nominal Capacity	7Ah
Design Life	<500 cycles @0.2C 90% DOD

Discharge	-20 < 60°C	
Charge	-10 < 60°C	
Storage	-20 < 60°C	

Charging mode	Charging voltage at 25°C	Charging current	Recommended stop and maintain voltage	Over voltage protection cut-off
Constant Current (CC) phase	14.5 +/-0.2V	1.4A < 2.8A	13.8V	N/A
Constant Voltage (CV) Phase	13.6 +/-0.2V	140mA	13.8V	N/A

## 00963-000 Sealed Lead-Acid 24V 3.5Ah

Nominal Voltage	24V
Nominal Capacity	3.5Ah
Design Life	<300 cycles @ 0.2C 90% DOD

Discharge	-20 < 60°C	
Charge	-10 < 60°C	
Storage	-20 < 60°C	

Charging mode	Charging voltage at 25°C	Charging current	Recommended stop and maintain voltage	Over voltage protection cut-off
Constant Current (CC) phase	29 +/-0.2V	1.0A	27.6V	N/A
Constant Voltage (CV) Phase	27.6 +/-0.2V	70mA	27.6V	N/A

## 01944-000 Sealed Lead-Acid 24V 5Ah

Nominal Voltage	24V
Nominal Capacity	5Ah
Design Life	<300 cycles @ 0.2C 90% DOD

Discharge	-20 < 60°C	
Charge	-10 < 60°C	
Storage	-20 < 60°C	

Charging mode	Charging voltage at 25°C	Charging current	Recommended stop and maintain voltage	Over voltage protection cut-off
Constant Current (CC) phase	29 +/-0.2V	800mA < 1.0A	27.6V	N/A
Constant Voltage (CV) Phase	27.6 +/-0.2V	500mA	27.6V	N/A