

NUOVOLT

FUTURE OF INTELLIGENT POWER

NUO 48V100AH
NUO 51,2V100AH



Smart BMS



15 years
service life



Easy inverter
communication



Grade A
Lithium Ion Cells



Made in Türkiye



PRODUCT FEATURES:

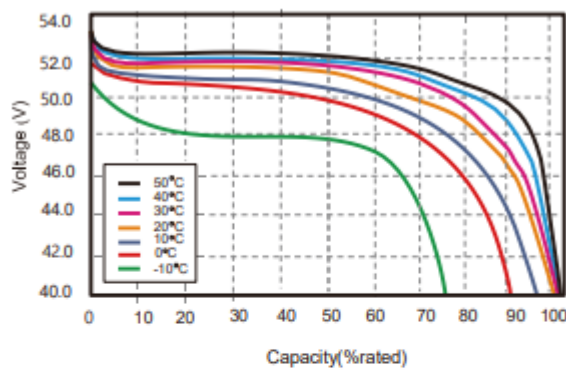
- ✓ Doubled terminal – easy parallel
- ✓ Up to 16 pcs in parallel
- ✓ Wall-mount or cabinet installation
- ✓ Bolt-nut connection
- ✓ Cables included
- ✓ Full inverter compatibility
- ✓ Easy inverters settings – on screen
- ✓ Customizable design
- ✓ Full quality check before shipment



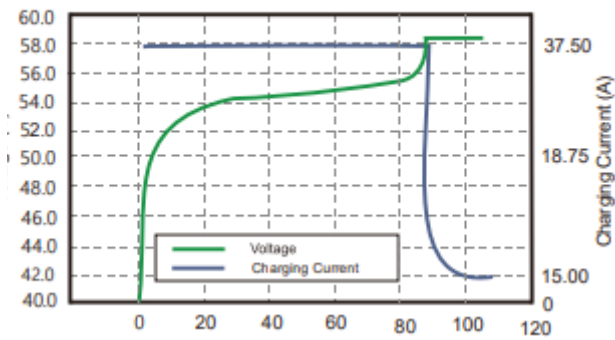
Model	NUO 48V100AH	NUO 51,2V100AH
NOMINAL PARAMETERS		
Nominal voltage	48 V	51.2 V
Capacity	100 Ah	100 Ah
Energy capacity	4.8 kWh	5.12 kWh
Dimensions (HxWxD)	482x525x134 mm (3U)	
Weight	42 kg	45 kg
BASIC PARAMETERS		
Cells configuration	15S1P	16S1P
Type of cells	Grade A LiFePO4	
Interfaces	RS485, CAN	
Life period (25°C)	More than 15 years	
Storage temperature	-20 °C to 60 °C	
Warranty period	5 years	
SERVICE LIFE		
> 4 000 cycles DOD 80%		> 8 000 cycles DOD 50%

CHARGE-DISCHARGE GRAPHS

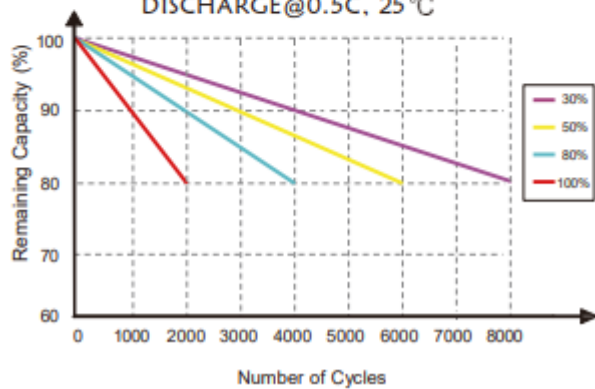
DISCHARGE CAPACITY at VARIOUS TEMPERATURES
DISCHARGE @0.5 C, 25°C



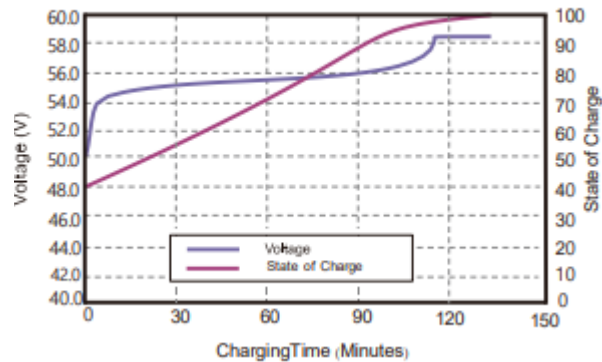
CHARGING CHARACTERISTICS @0.5C, 25°C



CYCLE LIFE vs.DEPTH OF DISCHARGE(DOD)
DISCHARGE@0.5C, 25°C



STATE OF CHARGE CURVE @0.5C, 25 C



COMPATIBLE INVERTERS

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 **固德威**
GOODWE

 **SRNE** 硕日
光伏储能管理专家

MUST 美世乐

 **victron energy**
ALIVE ENERGY

Deye

GROWATT
古 瑞 瓦 特

 **派能科技**
PYLONTECH

 **Volttronic Power**
The Best Inverter In The World

SOFAR
SOLAR
首航新能源

 **Sol-Ark**
Empowering life with solar

 **爱士惟**
AISWEI

Sacolar

 **STUDER**

SMA