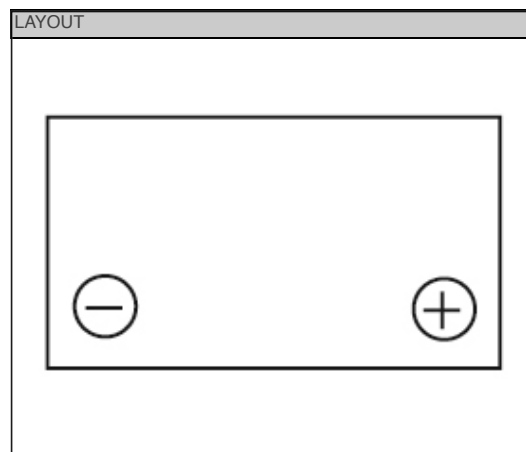


# NP-Series - Valve Regulated Lead Acid Battery NP18-12B



SPECIFICATIONS		
Nominal voltage	12	V
20-hr rate Capacity to 1.75VPC at 20°C	18	Ah
10-hr rate Capacity to 1.75VPC at 20°C	16	Ah
DIMENSIONS		
Length	180 (±1)	mm
Width	76 (±1)	mm
Height	167 (±2)	mm
(height over terminals)	N/A	mm
Mass (typical)	6.2	kg
TERMINAL TYPE		
Bolt terminal	M5 Lug	
Torque		Nm
OPERATING TEMPERATURE RANGE		
Storage	-20°C to +60°C	
Charge	-15°C to +50°C	
Discharge	-20°C to +60°C	
STORAGE		
Capacity loss per month at 20°C (approx)	3	%
CASE MATERIAL		
Standard Option	ABS (UL94:HB)	
Flame retardant option (FR)	ABS (UL94:V0)	
CHARGE VOLTAGE		
Float charge voltage at 20°C	13.65 (±1%)	V
	2.275 (±1%)	V/cell
Float Charge voltage temperature correction factor (for variations from the standard 20°C)	-3	mV/cell/°C
Cyclic (or Boost) charge at 20°C	14.5 (±3%)	V
	2.42 (±3%)	V/cell
Cyclic Charge voltage temperature correction factor (for variations from the standard 20°C)	-4	mV/cell/°C
CHARGE CURRENT		
Float charge current limit	No limit	A
Cyclic (or Boost) charge current limit	4.5	A
MAXIMUM DISCHARGE CURRENT		
1 second	540	A
1 minute	75	A
SHORT-CIRCUIT CURRENT & INTERNAL RESISTANCE (according to EN IEC 60896-21)		
Internal resistance	N/A	mΩ
Short-Circuit current	N/A	A
IMPEDANCE		
Measured at 1 kHz	18	mΩ
PERFORMANCE & CHARACTERISTICS		
Refer to the technical manual	NP	
DESIGN LIFE		
EUROBAT Classification: Standard Commercial	3 to 5	years
Yuasa design life @ 20°C	up to 5	years
SAFETY		
Installation		
Can be installed and operated in any orientation except permanently inverted		
Handles		
Batteries must not be suspended by their handles (where fitted)		
Vent valves		
Each cell is fitted with a low pressure release valve to allow gasses to escape and then reseal.		
Gas Release		
VRLA Batteries release hydrogen gas which can form explosive mixtures in air. Do not place inside a sealed container		
Recycling		
YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations		



**3RD PARTY CERTIFICATIONS**  
ISO 9001 - Quality Management Systems  
ISO 14001 - Environmental Management Systems  
EN 18001 - OHSAS Management Systems  
UNDERWRITERS LABORATORIES Inc.

**STANDARDS**  
IEC61056



ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE  
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מיקום הפריט: סוללות, מצברים ומטענים / סוללות נטענות ומצברים / מצברי עופרת LEAD ACID  
תיאור הפריט: מצבר עופרת נטען 12V 18Ah  
יצרן: יואסה / YUASA  
מק"ט יצרן: NP18-12B  
יבואן: טלמיר אלקטרוניקה בע"מ