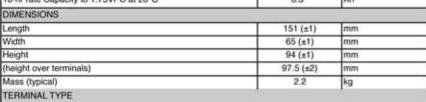
NPW-Series - Valve Regulated Lead Acid Battery NPW36-12

SPECIFICATIONS		
Nominal voltage	12	V
20-hr rate Capacity to 1.75VPC at 20°C	7.	Ah
10-hr rate Capacity to 1.75VPC at 20°C	6.3	Ah
DIMENSIONS		V.
Length	151 (±1)	mm
Width	65 (±1)	mm
Height	94 (±1)	mm
	07.57.00	1



6.35

mm

FASTON (QUICKIIT / release)		
OPERATING	TEMPERATURE RANGE	

Storage	-15°C to +40°C
Charge	-0°C to +40°C
Discharge	-15°C to +50°C
STORAGE	

Capacity loss per month at 20°C (approx) CASE MATERIAL

ONDE INVICTINE	
Standard Option	ABS (UL.94:HB)
Flame retardant option (FR)	ABS (UL94:V0)

Flame retardant option (FR)	ABS (UL94:V0)	
CHARGE VOLTAGE		
Float charge voltage at 20°C	13.65 (±1%)	V
[20] [20] [20] [20] [20] [20] [20] [20]	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
Cyclic (or Boost) charge at 20 C	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	2.125	A	
MAXIMUM DISCHARGE CURRENT	6		-
1 second	105	A	
1 minute	42	A	

SHORT-CIRCUIT CURRENT & INTERNAL RESISTANCE

(according to EN IEC 60896-21)

Internal resistance	N/A	mΩ	
Short-Circuit current	N/A	Α	
IMPEDANCE	**	100	
Measured at 1 kHz	22	mΩ	

DEDECORMANCE & CHARACTERISTICS

NPW	1	
***	-10	
3 to 5	years	
up to 5	years	
	3 to 5	3 to 5 years

SAFETY

Can be installed and operated in any orientation except permanently inverted

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

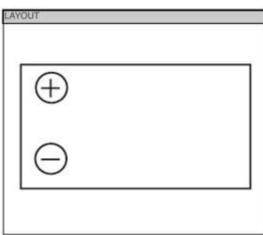
VRLA Batteries release hydrogen gas which can form explosive mixtures in air. Do not place inside a sealed container

Recycling

YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations



Data Sheet



3RD PARTY CERTIFICATIONS

ISO 9001 - Quality Management Systems ISO 14001 - Environmental Management Systems EN 18001 - OHSAS Management Systems

UNDERWRITERS LABORATORIES Inc.



IEC61056







ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE Issue No.: V.1 / Issue Date: July 2010



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