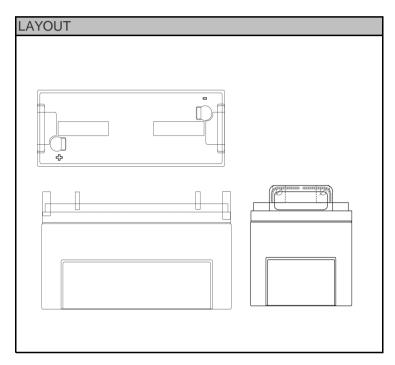
Data Sheet

NPL-Series - Valve Regulated Lead Acid Batter

NPL200-6 (FR)

ominal voltage ohr rate Capacity to 5.25V at 20°C ohr rate Capacity to 5.4V at 20°C MENSIONS ongth idth eight eight over terminals) ass (typical) ERMINAL TYPE ost type terminal orque PERATING TEMPERATURE RANGE orage (in fully charged condition) narge scharge TORAGE apacity loss per month at 20°C (approx) ASE MATERIAL	-15°C tơ -20°C tơ	V Ah Ah mm mm mm kg kg 0 +50°C	
A hr rate Capacity to 5.4V at 20°C MENSIONS angth idth bight eight over terminals) ass (typical) ERMINAL TYPE bist type terminal orque PERATING TEMPERATURE RANGE orage (in fully charged condition) harge scharge TORAGE apacity loss per month at 20°C (approx) ASE MATERIAL	176 398 (±0.7) 176 (±0.5) 250 (±0.7) N/A 39.0 10 16.5 -20°C to -20°C to -20°C to	Ah mm mm mm kg Mm Nm	
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eight over terminals) ass (typical) ERMINAL TYPE Dest type terminal orque PERATING TEMPERATURE RANGE orage (in fully charged condition) harge scharge TORAGE apacity loss per month at 20°C (approx) ASE MATERIAL	N/A 39.0 10 16.5 -20°C to -15°C to -20°C to	mm kg mm Nm o +50°C	
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ERMINAL TYPE Dist type terminal Dist type te	10 16.5 -20°C tơ -15°C tơ -20°C tơ	mm Nm o +50°C	
ost type terminal orque orage (in fully charged condition) orage (in fully charged condition) orage scharge or condition or conditity o	16.5 -20°C tơ -15°C tơ -20°C tơ	Nm o +50°C	
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harge scharge ORAGE apacity loss per month at 20°C (approx) ASE MATERIAL	-15°C tơ -20°C tơ		
Scharge FORAGE apacity loss per month at 20°C (approx) ASE MATERIAL	-20°C to	$3+50^{\circ}$	
ORAGE apacity loss per month at 20°C (approx) ASE MATERIAL		-15°C to +50°C	
apacity loss per month at 20°C (approx) ASE MATERIAL		o +60°C	
ASE MATERIAL			
	3	%	
andard Option			
andard Option	ABS (UL.94:HB)		
ame retardant option (FR)	ABS (UL94:V0)		
HARGE VOLTAGE			
bat charge voltage at 20°C	6.825 (±1%) 2.275 (±1%)	V V/cell	
pat Charge voltage temperature correction factor or variations from the standard 20°C)	-3	mV/cell/°C	
/clic (or Boost) charge at 20°C	7.26 (±3%) 2.42 (±3%)	V V/cell	
vclic Charge voltage temperature correction factor or variations from the standard 20°C)	-4	mV/cell/°C	
HARGE CURRENT			
pat charge current limit	No limit	А	
clic (or Boost) charge current limit	50.00	А	
AXIMUM DISCHARGE CURRENT			
second	1500	A	
ninute	600	А	
HORT-CIRCUIT CURRENT & INTERNAL RESISTANCE			
ccording to EN IEC 60896-21)			
ernal resistance	N/A	m	
nort-Circuit current	N/A	A	
PEDANCE			
easured at 1 kHz	1.3	m	
ERFORMANCE & CHARACTERISTICS			
efer to the technical manual	NPL		
ESIGN LIFE			
JROBAT Classification: High performance	10 to 12	years	
iasa design life @ 20°C		1	
AFETY	up to 10	years	





3RD PARTY CERTIFICATIONS

ISO 9001 - Quality Management Systems ISO 14001 - Environmental Management Systems EN 18001 - OHSAS Management Systems UNDERWRITERS LABORATORIES Inc.



STANDARDS

IEC61056 IEC60896-21/22







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







ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE Issue No.: V.2 / Issue Date: March 2011



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