

Naps Battery Description

name: A512/200A
 voltage: 12 V
 nom capacity: 200 Ah 20h, 20°C, 1.75V/cell
 product code: 81061

type: Valve-regulated lead-acid (VRLA),
 gel, flat plate



Specifications	Capacity* (Ah)				Dimensions			Hmm with terminals	Weight kg
	V	5h	10h	20h	L mm	W mm	H mm		
A512/200A	12	162	177	200	518	274	216	238	70

* Capacity at 20°C, 1.75V/cell

Terminals and Contact Description

A=Lead automotive type pillar

Brief description and features

'Sealed' valve-regulated lead-acid battery for domestic and light industrial use

No water additions needed or possible during lifetime

Gelled acid gives good resistance to dry-out and high temperatures

Design life for non-PV (standby) use: 7 years at 20°C

Cycle life according to IEC896 part 2: 600 cycles

This only achieved if immediately fully recharged after every discharge

Estimation of service life in PV systems

average working temperature °C	years	if daily cycling less than
20	5.6	14%
25	4.0	19%
30	2.8	26%
35	2.0	37%