

OPzV SERIES

> Summary

NPP OPzV Series batteries are newly developed tubular positive plates with foamed gelled electrolyte. This type battery is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.

> Product Features

Capacity range:200Ah-3000Ah(25°C)
Voltage class: 2V
Number of cycles(25°C)
30%DOD: 5000 cycles
50%DOD: 3200 cycles
100%DOD: 1600 cycles
Suitable for deep/shallow cycle and PSOC cycle condition
Self-discharge rate: ≤3%/month(25°C)
Design floating life : 20 years(25°C)
Temperature range for use: -15~50°C
Operation temperature range: -20~50°C
Recommended operation temperature 25°C

> Application

UPS power supply
Solar power system
Wind power system
Telecommunication equipment
Electronic instruments fire alarm and security devices

> Certifications

CE, UL, IEC60896-21/22, ISO9001, ISO14001, CQC, TLC, OHSAS18001, etc

> Design Features

Gelled electrolyte, no flow, no leakage or no gradation of sulfuric acid, maintenance free
The positive plate is tubular plate which can effectively prevent the active materials from falling off
PVC separator, which is special for gel battery with tiny holes
The separator has high volume porosity, low electrical resistance and excellent wettability

Battery Model	Nominal Voltage(V)	Rated Capacity(Ah)10HR/25°C	Approx. Weight(Kg)	Dimension(mm)				Terminal Type	Terminal Position
				Length	Width	Height	Total Height		
OPzV200	2	200	20.00	103	206	355	390	T20	G
OPzV250	2	250	24.00	124	206	355	390	T20	G
OPzV300	2	300	28.00	145	206	355	390	T20	G
OPzV350	2	350	31.00	124	206	471	506	T20	G
OPzV420	2	420	35.00	145	206	471	506	T20	G
OPzV500	2	500	41.00	166	206	471	506	T20	G
OPzV600	2	600	49.00	145	206	646	681	T20	G
OPzV800	2	800	65.00	191	210	646	681	T20	H
OPzV1000	2	1000	80.00	233	210	646	681	T20	H
OPzV1200	2	1200	93.00	275	210	646	681	T20	H
OPzV1500	2	1500	117.00	275	210	796	831	T20	H
OPzV2000	2	2000	155.00	397	212	772	807	T20	I
OPzV2500	2	2500	192.00	487	212	772	807	T20	J
OPzV3000	2	3000	228.00	576	212	772	807	T20	J

