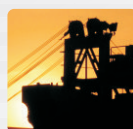


MAXTON Battery
<<< LASTING • SAFE • ENVIRONMENTAL PROTECTION



MPPV Series

MAXTON POWER TECH CO.,LTD.



Maxton Power Tech Co.Ltd. Is a professional manufacturer of rechargeable battery in the design,manufacture and supply of clean and green batteries and energy for a wide range of applications worldwide,was set up in 2000year ,and now has 2 plants (one is in Guangdong province,another is in Jiangsu province, with total manufacturing facilities of arond 90,000 square metres,combing industry experience,innovative product development and knowledge based services,Maxton has set the standard for dependable and maintenance-free,advanced VRLA battery.

Maxton Power Tech Co.Ltd. Is approved by the international organization:ISO9001 and ISO140001. Each battery is approved by UL and CE

Maxton batteries have AGM technology,GEL technology:

1):

Battery with AGM technology:

MP range (including MPa,MPb,and MPt series)
 MPE series (deep cycle battery)
 MPF series (Front terminal battery)
 MPHR series (High discharge rate battery)

2):

Battery with GEL technology:

MPG series (GEL battery)

3):

Battery with Tubular technology:

MPPS series (OPzS battery)
 MPPV series (OPzV battery)

4):

Battery (Maintenance-free) for car

5):

Lithium Iron Phosphate (LiFePO₄) Rechargeable Battery

Maxton Power Tech Co.,Ltd does not provide the reliable battery and technology but also provides an excellent service ,Maxton is still improving her service constantly.

Qaulity is the first important and nuclear factor in Maxton,also is the first major topic in the cooperation between Maxton and anyone buyer,striving for perfection,relying on quality.

Maxton team is cherishing any opportunity you are giving,is trying to build a longer cooperation relation with you hand in hand also develop together!



Applications

- Telecommunication equipment
- Electronic instruments
- Fire alarm and security devices
- UPS power supply
- Solar power system
- Wind power system
- Power plant

MPPV (OPzV) BATTERY

MPPV (OPzV) series stationary batteries are the newly products which were developed at the end of 2006. The performances meet the standard DIN40742

Characteristics

- Gelled electrolyte, no flow, no leakage or no gradation of sulfuric acid.
- The positive plate is tubular plate, which can effectively prevent the active materials from falling off.
- PVC-SiO₂ separator, which is special for gel battery with tiny holes. The separator has high volume porosity, low electrical resistance and excellent wettability
- Maintenance-free during the whole service life.
- Low self discharge rate
- Proof against deep discharge according to DIN 43539 T5

Technical parameters

Environment temperature	-20℃ ~50℃
Environmental temperature for best utilization	25℃ ±5℃
Float charging voltage	2.25V/unit
Equalization voltage	2.35V/unit
Temperature adjustment coefficient	-3mV/℃/unit
Max charging current	0.25C ₁₀ A
Design service life	20 years(20℃)
Self-discharge rate	Less than 40% after 2-year storage at 20℃
Recover performance after deep discharge	The battery can be recharged to 95% of the rated capacity after 12-hour deep discharge
The gas recombination efficiency exceeds	More than 99%

MPPV Battery Series Specifications

Voltage: 2V

Capacity: 100AH to 3000AH

Service life: Design life 20 years of floating service at 25℃/77°F

Cycle life more than 1200 times at 80% DOD at 25℃/77°F

Battery Model	Rated Voltage (V)	Rated Capacity (Ah)	External Dimension (mm)				Weight ±5%(Kg)	Terminal
			(L)	(W)	(H)	(TH)		
MPPV2-100	2	100	103	206	354	390	13.0	TP (copper)
MPPV2-150	2	150	103	206	354	390	15.3	
MPPV2-200	2	200	103	206	354	390	17.0	
MPPV2-250	2	250	124	206	354	390	20.0	
MPPV2-300	2	300	145	206	354	390	23.5	
MPPV2-350	2	350	124	206	470	506	26.5	
MPPV2-420	2	420	145	206	470	506	32.0	
MPPV2-490	2	490	166	206	470	506	36.0	
MPPV2-600	2	600	145	206	645	681	43.0	
MPPV2-800	2	800	191	210	645	681	60.0	
MPPV2-1000	2	1000	233	210	645	681	72.0	
MPPV2-1200	2	1200	275	210	645	681	84.0	
MPPV2-1500	2	1500	275	210	795	831	106.0	
MPPV2-2000	2	2000	399	212	772	807	150.0	
MPPV2-2500	2	2500	487	212	772	807	185.0	
MPPV2-3000	2	3000	576	212	772	807	216.0	