

SEALED LEAD ACID

LP SERIES



LP Series battery incorporate advanced VRLA technology designed for general purpose with 12 years design life at 25°C

APPLICABLE FIELDS

- All purpose
- Uninterrupted power supply (UPS)
- Emergency back power supply
- Electric Power Systems (EPS)
- Standby power supply
- Alarm and security system
- DC power supply
- Telecommunication
- Network Communication



LP FEATURES

- Valve Regulated Lead Acid (VRLA) battery
- Absorbent Glass Mat (AGM) separators technology for high efficiency, gas absorption of up to 98%
- Using oxygen recombination technology: maintenance-free (no topping up)
- High quality AGM separator: extend cycle life and prevent micro short circuit
- ABS material: increase the strength of battery container. (Flame-retardant ABS is optional)
- High purity raw material: ensure low self-discharge rate
- Vent Valve – allows the release of excess gasses & prevents case rupture
- Design according with IEC 60896-21/22, JIS C8704-2, GB/T 19638.2

TECHNICAL SPECIFICATIONS

- Nominal voltage 2V
- Float voltage charge at 25°C: 2.25 ~ 2.30V
- Boost charge/cyclic use: 2.40 ~ 2.50V
- Maximum charge current: 0.25 at C20 A
- Self-discharge at 20°C < 2% per month

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LP RANGES

2V Series VRLA Battery Specification and Dimensions:

BATTERY TYPE	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (Ah)	APPROX DIMENSIONS (mm)			WEIGHT (Kg)	TERMINAL TYPE
			L	W	TH		
LP2-150	2	150	170	98	212	8.5	T7
LP2-200	2	200	170	110	350	12.7	T11
LP2-300	2	300	170	150	350	17.7	T11
LP2-400	2	400	210	175	350	25.7	T11
LP2-500	2	500	240	175	350	28.5	T11
LP2-600	2	600	300	175	350	35.0	T11
LP2-700	2	700	300	175	350	38.1	T11
LP2-800	2	800	410	175	351	50.0	T11
LP2-900	2	900	410	175	351	52.5	T11
LP2-1000	2	1000	475	175	350	57.0	T11
LP2-1200	2	1200	475	175	350	70.4	T11
LP2-1500	2	1500	403	354	349	90.0	T11
LP2-1800	2	1800	403	354	349	101.0	T11
LP2-2000	2	2000	490	350	349	116.0	T11
LP2-2500	2	2500	490	350	349	132.0	T11
LP2-3000	2	3000	709	350	349	174.5	T11

Note: dimensions may have a tolerance of +/- 2mm

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