

## 2V180AH Sealed Lead-Acid Battery

### ● SPECIFICATIONS

NOMINAL VOLTAGE		2V
NOMINAL CAPACITY		180Ah (10HR)
DIMENSIONS	Length (±1mm)	106mm
	Width (±1mm)	172mm
	Height (±2mm)	350mm
	Total Height (±2mm)	366mm
Weight (Approx.)		12Kg



### ● CHARACTERISTICS

CAPACITY 20°C	10HR 15A DCHG. CUT-OFF 1.80V			180Ah
	5HR 24.3A DCHG. CUT-OFF 1.70V			145Ah
	1HR 97.5A DCHG. CUT-OFF 1.60V			117Ah
	0.5HR 150 A DCHG. CUT-OFF 1.50V			90Ah
INTERNAL RESISTANCE	FULL CHARGED BATTERY 20°C			APPROX. 0.8mΩ
CAPACITY AFFECTED BY TEMPERATURE	40°C	105%(10HR. DCHG.		188AH
	20°C	100%(10HR. DCHG.		180AH
	0°C	85%(10HR. DCHG.		152AH
	-20°C	60%(10HR. DCHG.		108AH
SELF-DISCHARGE 20°C	1MONTH	97%	6MONTH	85%
	3MONTH	91%	12MONTH	64%
MAX. DCHG. CURRENT			5 SEC. DCHG.	900A
CHARGE	CYCLE	VOLTAGE	CONST. VOLTAGE CHRG. 2.4V-2.45V 20°C	
		CURRENT	INITIAL CHRG. AMPS. LESS THAN 53A	
	FLOAT	VOLTAGE	CONST. VOLTAGE CHRG. 2.23V-2.25V 20°C	
		CURRENT	INITIAL CHRG. AMPS. LESS THAN 53A	
OPERATING TEMP. RANCE		CHRG.	10~40°C	DCHG. -20~50°C
LIFE EXPECTANCY	CYCLE	100% DCHG.	200 CYCLES	
		50% DCHG.	600 CYCLES	
		30% DCHG.	1500 CYCLES	
	FLOAT	10~15 YEARS		