

FT1255 Lead-Acid Battery



Specification

NOMINAL VOLTAGE (공칭전압)		12V		TERMINAL (단자) mm
NOMINAL CAPACITY (공칭용량)		55 Ah/10HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	277	(10.99 inches)	
	WIDTH (폭) ± 2 mm	106	(4.17 inches)	
	HEIGHT (높이) ± 5 mm	222	(8.74 inches)	
WEIGHT APPROX. (중량)		19 Kg		
HOUSING MATERIAL (전조재질)		ABS RESIN		
TYPE OF ELECTROLYTE (전해액형태)		AGM GEL TYPE		

Characteristics

CAPACITY (방전용량) 25 °C (77 °F)	20 HR. 2.97A DCHG.	20 시간을 2.97A 방전	CUT-OFF 10.80V	59.4 Ah	
	10 HR. 5.50A DCHG.	10 시간을 5.50A 방전	CUT-OFF 10.80V	55 Ah	
	5 HR. 8.80A DCHG.	5 시간을 8.80A 방전	CUT-OFF 10.50V	44 Ah	
	3 HR. 13.4A DCHG.	3 시간을 13.4A 방전	CUT-OFF 10.50V	40.2 Ah	
	1 HR. 30.0A DCHG.	1 시간을 30.0A 방전	CUT-OFF 9.60V	30 Ah	
INTERNAL RESISTANCE (내부저항)		FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)		APPROX. 5.5 mΩ	
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)		40 °C (104 °F)	102% (10HR. DCHG. 51 Ah)		
		25 °C (77 °F)	100% (10HR. DCHG. 55 Ah)		
		0 °C (32 °F)	85% (10HR. DCHG. 47 Ah)		
		-15 °C (5 °F)	65% (10HR. DCHG. 36 Ah)		
SELF-DISCHARGE (자기방전) 25 °C (77 °F), REMAINING CAPACITY %		1 MONTH (1개월)	95%	6 MONTH (6개월)	82%
		3 MONTH (3개월)	91%	12 MONTH (1년)	64%
MAX. DCHG. CURRENT (최대방전전류) 3 SEC. (3초)			438A (최대방전전류)		
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG. (정전압충전) 14.1V~14.4V/CELL, 25 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 13.7A (최대충전제한전류 13.7A이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG. (정전압충전) 13.5V~13.8V/CELL, 25 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 13.7A (최대충전제한전류 13.7A이하)		
OPERATING TEMP. RANGE (사용온도)		CHRG. (충전) -20~40 °C(4~104 °F)	DCHG. (방전) -40~60 °C(-40~140 °F)		
LIFE EXPECTANCY (수명)		CYCLE (사이클)	100% DCHG. (100%방전사용)		250 CYCLES (250회)
			50% DCHG. (50%방전사용)		500 CYCLES (500회)
			30% DCHG. (30%방전사용)		1200 CYCLES (1200회)
		FLOAT (부동)	12 YEARS (12년)		

Performance after prolonged float of fully charged for available prolonged current at 25 ±5 °C

F.V	10Min.	15Min.	30Min.	1 Hr.	2 Hr.	3 Hr.	5 Hr.	10 Hr.	20 Hr.
9.60	116	94	62.7	33.0	19.3	14.1	9.1	5.78	3.12
10.20	105	88	60.0	31.0	18.4	13.8	8.9	5.67	3.03
10.50	94	77	56.1	30.0	17.9	13.4	8.8	5.56	3.02
10.80	88	72	51.7	29.0	17.5	13.1	8.6	5.50	2.97
11.10	83	66	46.2	28.1	17.1	12.7	8.4	5.23	2.81

DIMENSIONS (치수)

