

FT12150 Lead Acid Battery



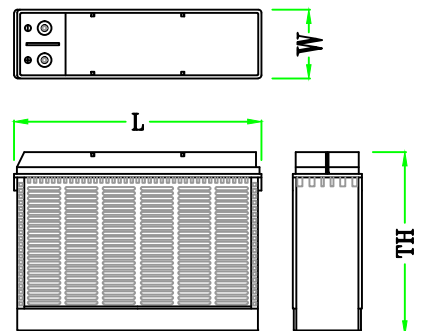
■ Specification

NOMINAL VOLTAGE (공칭전압)		12V	TERMINAL (단자) mm
NOMINAL CAPACITY (공칭용량)		150 Ah/10HR	
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	551 mm (21.69 inches)	
	WIDTH (폭) ± 2 mm	109 mm (4.29 inches)	
	HEIGHT (높이) ± 5 mm	288 mm (11.34 inches)	
	TOTAL HEIGHT (총높이) ± 5 mm	288 mm (11.34 inches)	
WEIGHT APPROX. (중량)		46.0 Kg	
HOUSING MATERIAL (전조재질)		ABS RESIN	
TYPE OF ELECTROLYTE (전해액형태)		GEL (PVC-SiO ₂ 겔식)	

■ Characteristics

CAPACITY (방전용량) 25 °C (77 °F)	20 HR. 8.19A DCHG. 20 시간을 8.19A 방전 CUT-OFF 10.8V	164 Ah		
	10 HR. 15A DCHG. 10 시간을 15A 방전 CUT-OFF 10.8V	150 Ah		
	5 HR. 25.5A DCHG. 5 시간을 25.5A 방전 CUT-OFF 10.5V	127.5 Ah		
	1 HR. 90A DCHG. 1 시간을 90A 방전 CUT-OFF 9.6V	90 Ah		
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)		APPROX. 3.8mΩ		
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	102% (10HR. DCHG. 153 Ah)		
	25 °C (77 °F)	100% (10HR. DCHG. 150 Ah)		
	0 °C (32 °F)	85% (10HR. DCHG. 127.5 Ah)		
	-20 °C (-4 °F)	65% (10HR. DCHG. 97.5 Ah)		
SELF-DISCHARGE (자기방전) 25 °C (77 °F), REMAINING CAPACITY %	1 MONTH (1개월)	97%	6 MONTH (6개월)	82%
	3 MONTH (3개월)	91%	12 MONTH (1년)	64%
MAX. DCHG. CURRENT (최대방전전류) 25 °C (77 °F)		1196A(3s) (최대방전전류)		
CHARGE (Constant Voltage)	CYCLE	INITIAL CHARGING CURRENT LESS THAN 60A		
	FLOAT	VOLTAGE (정전압충전) 14.1~14.4V 25 °C		
OPERATING TEMP. RANGE(사용온도)		CHRG.(충전) -20~40 °C(4~104 °F)	DCHG.(방전)	-40~60 °C(-40~142 °F)
LIFE EXPECTANCY (수명)	CYCLE (사이클)	100% DCHG. (100%방전사용)		250 CYCLES (250회)
		50% DCHG. (50%방전사용)		550 CYCLES (550회)
		30% DCHG. (30%방전사용)		1200 CYCLES (1200회)

DIMENSIONS (치수)



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

F.V	10Min	15Min	30Min	1 Hr.	2 Hr.	3 Hr.	5 Hr.	10 Hr.	20 Hr.
9.60	300	285	165	90.0	52.5	39.0	26.7	16.50	8.55
10.20	285	270	163	84.6	50.1	38.3	26.1	15.53	8.40
10.50	255	241	153	82.5	48.9	37.5	25.5	15.30	8.30
10.80	240	225	141	79.5	47.7	36.8	22.8	15.00	8.19
11.10	225	210	126	75.0	46.5	35.3	21.8	14.63	8.10