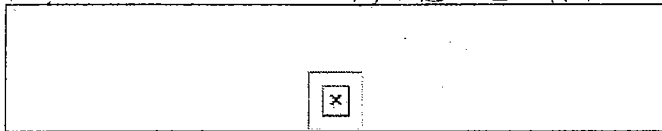


CB50-12

UB12500 in UB12400 Case

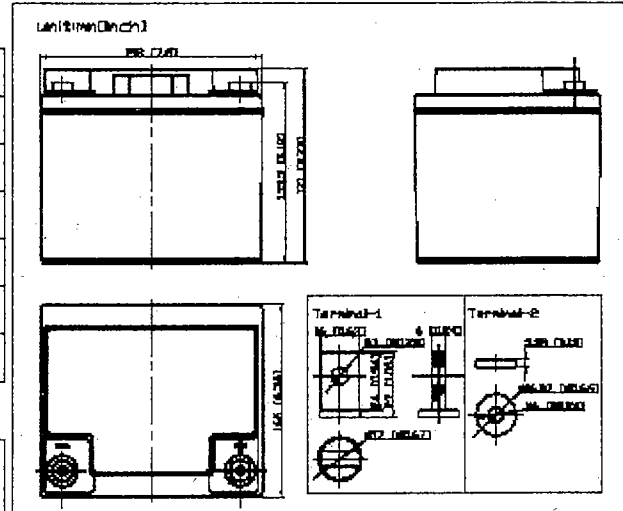


For standby power supplies.  
Expected trickle life: 6 years at 25°C

**Specifications**

Nominal voltage (V)		12
Rated capacity (20 hour rate) (Ah)		50
Dimensions	Length (mm)	198.0
	Width (mm)	166.0
	Height (mm)	171.0
	Total height (mm)	171.0
Approx. mass (Kg)		15.0

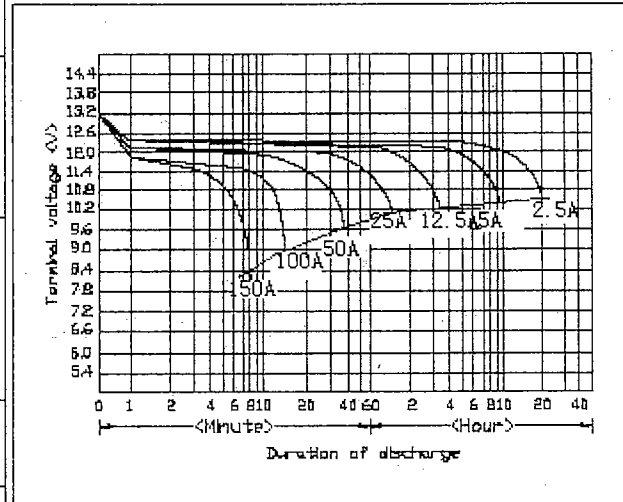
**Dimensions (mm)**



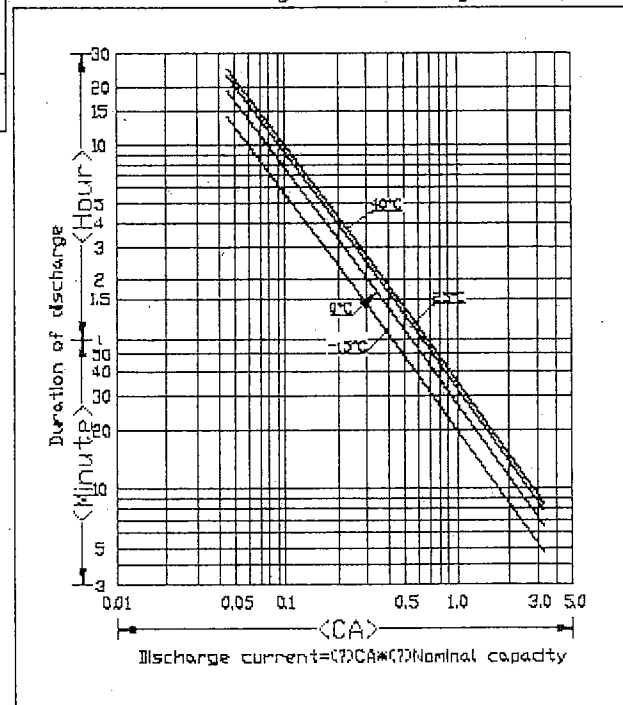
**Characteristics**

Capacity (25°C)	20 hour rate (2.50A)	50.0Ah	
	10 hour rate (4.65A)	46.5Ah	
	5 hour rate (8.50A)	42.5Ah	
	1 hour rate (30.0A)	30.0Ah	
Internal Resistance (mΩ)	Full charged Battery (25°C)	8	
	Temperature dependency of capacity (20 hour rate)		
		40°C	102%
		25°C	100%
		0°C	85%
		-15°C	65%
Self-discharge (25°C)	Residual capacity after standing 3 months	91%	
	Residual capacity after standing 6 months	82%	
	Residual capacity after standing 12 months	64%	
Charge method (constant voltage) (25°C)	Cycle use	Initial current	20.0 A or smaller
		Control Voltage	14.5--14.9 V
	Trickle use	Initial current	7.5 A or smaller
		Control Voltage	13.8--13.8 V

**Discharge characteristics (25°C)**



**Duration of discharge vs. Discharge current**



( note ) The above characteristics data are average values obtained within three charge/discharge cycles, not the minimum values.