

# Narada

## Acme Series



### INTRODUCTION

- AGM battery.
- Capacity coverage: 100-200Ah.
- Front terminal design suited for standard 19"/21" cabinet.
- Convenient installation and maintenance.
- Comply with IEC, IEEE, UL, EN, CE standards, etc.
- Design life at 25°C (77°F): 12+ years.
- Applications: Telecommunication, UPS system.

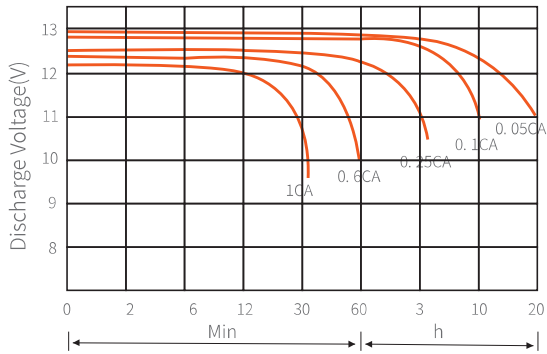
### TECHNICAL CHARACTERISTICS

- The corrosion resistance of punching plate grid has been improved obviously.
- Centralized exhaust setting, high safety.
- Suitable for 48V communication system.
- CCPP (Continue Casting Punch Plates) technology.
- Centralized H<sub>2</sub> gas vent lit.

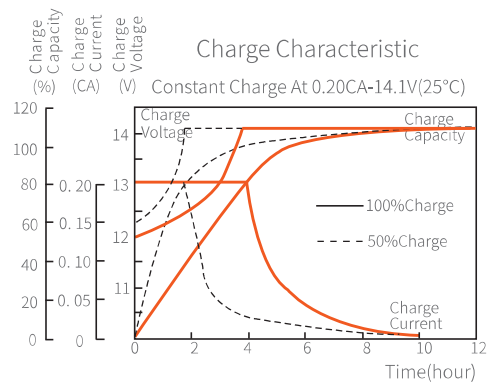
### GENERAL SPECIFICATION

Type	Nominal Voltage (V)	Rated Capacity (Ah)		Dimension (mm)			Weight (kg)
		C10	Length	Width	Height	Overall Height	
12NDT100S	12	100	395.0	108.0	274.0	287.0	30.0
12NDT150S	12	150	550.0	125.0	272.0	283.0	47.0
12NDT170S	12	170	550.0	125.0	272.0	283.0	50.0
12NDT190S	12	190	558.0	125.0	305.0	316.0	57.5
12NDT200S	12	200	558.0	125.0	305.0	316.0	58.0
12NDT150FT	12	150	550.0	110.0	274.0	287.0	44.0

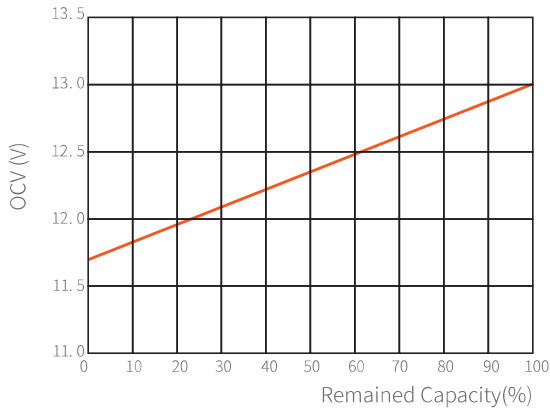
**Terminal Voltage(V) Vs.Discharge Time(25°C, 77°F)**



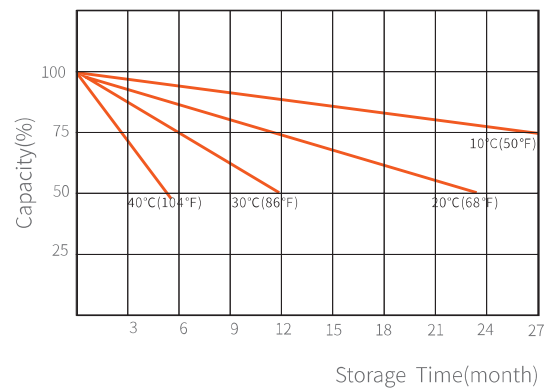
**Battery Voltage Vs. Charge Time**



**Relationship of OCV Vs.State of Charge**



**Capacity Retention Characteristic**



**Charging Procedures**

Application	Charge Voltage (V/Cell)			Max. Charge Current
	Temperature	Set Point	Allowable Range	
Cycle	25°C	2.35	2.35~2.40	0.25C
Standby	25°C	2.25	2.23~2.27	

**Discharge Current VS. Discharge Voltage**

Discharge Current (A)	Final Discharge Voltage V/Cell		
	1.80	1.75	1.70
0.2C ≥ (A)			
0.2C < (A) < 0.5C			
(A) > 0.5C			



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