# latpuwer

ns Data Center

## BATTERY CT 12V 105Ah (10hr) BATVSNCT12 SERIES





The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special oneway valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Componen	t Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw materi	al Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

#### DESCRIPTION

• Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.

- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.
- Case and cover available in both standard and flame retardant ABS.

#### Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	10min	15min	30min	45min	1h	3h	5h	10h
1.60V	229	185	121	92.4	73.9	30.5	19.4	10.6
1.65V	212	174	117	89.7	72.4	30.1	19.3	10.6
1.70V	195	162	112	87.0	70.9	29.6	19.2	10.5
1.75V	178	151	108	84.2	69.4	29.2	19.0	10.5
1.80V	161	139	104	81.5	67.9	28.7	18.9	10.5

### PERFORMANCE CHARACTERISTICS

Battery model	BATVSNCT12105X								
Nominal voltage	12V								
Number of cell	6								
Capacity	10hR(10.5A, 10.8V)		5hR(19	A, 10.5V	') 1hR(73.9A, 9.60\				
(20°C)	105Ah		9	5Ah	73.9Ah				
Dimensions	Length		Width	Height	Total Height				
Max.	395±2 mm		110 ± 2 mm	286±2 mm	293±2 mm				
Approx. weight	t 35Kg (77.2 lbs)								
Internal resistance	Full charged at 20°C: 6mOhms								
Self discharge	3% of capacity declined per month at 20°C (average)								
Operating	Discharge	Charge			Storage				
temperature range	-20~60°C	-10∼60°C			-20~60°C				
Max. discharge current (20°C)	900A (5s )								
Short circuit current	2100A								

#### Discharge Constant Power (Watts at 77°F25°C)

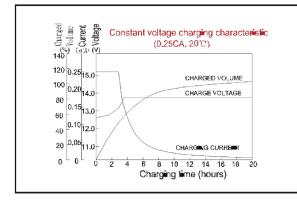
End Point Volts/ Cell	10m in	15m in	30m in	45m in	1h	2h	3h	5h
1.60V	399	335	234	180	145	81.6	59.8	38.9
1.65V	376	318	224	174	141	80.7	59.3	38.6
1.70V	354	301	215	168	137	79.7	58.7	38.3
1.75V	331	284	206	162	133	78.7	58.2	38.0
1.80V	309	267	196	156	130	77.8	57.7	37.7

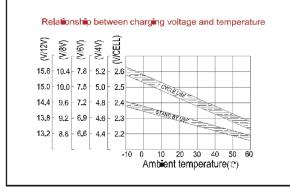
(Note) The above characteristics data are average values obtained within three charge/discharge cycles not the mimimum values.

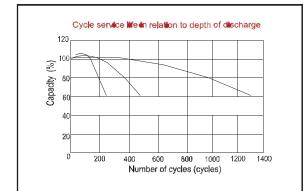
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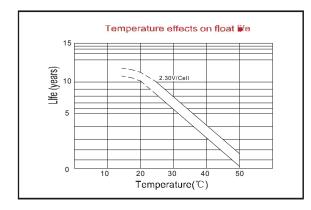
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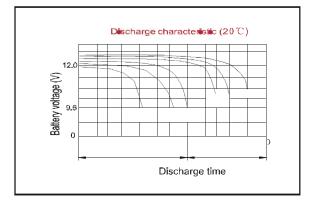


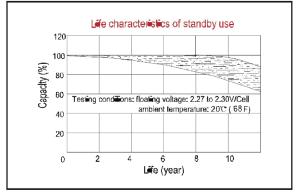


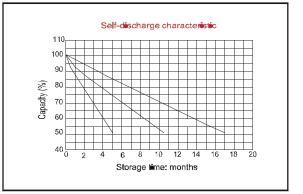


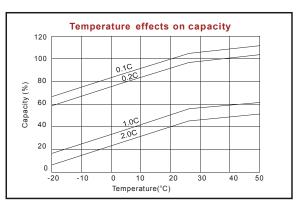


Latpower reserves the right to change product specifications and design without notice.









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