

POWER**LINK**

Front Terminal Series

NTF12-150E (12V150AH)

Nominal Voltage	12V
Number of cell	6
Design Life	15 years
Nominal Capacity 77°F(25°C)	
10 hour rate (15.0A, 10.8V)	150Ah
5 hour rate (27.2A, 10.5V)	136Ah
1 hour rate (110A, 9.6V)	110Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	≤4.5mOhms
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	1050A(5s)
Short Circuit Current	2680A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	40A
Temperature compensation	-30mV/°C
Standby use	2.23-2.30VPC
Temperature compensation	-20mV/°C



Wide Range Temperature



Warranty



Maintenance Free



AGM Technology



easy use

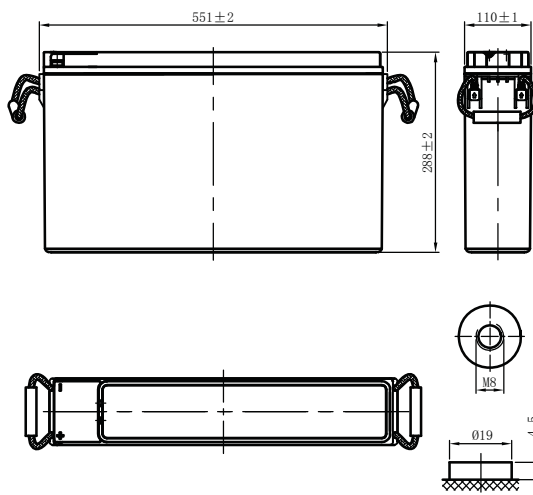


long life

Mechanical Characteristics

Length(mm / inch)	551 / 21.6
Width(mm / inch)	110 / 4.33
Height(mm / inch)	288 / 11.52
Total Height(mm / inch)	288 / 11.52
Approx. Weight(Kg / lbs)	44.0 / 96.8

* Weight deviation: ± 3%



Technical Characteristics

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

End Point

Volts/Cell	10min	15min	30min	45min	1h	3h	5h	10h
1.60V	---	265	176	136	110	46.3	28.2	15.4
1.65V	---	250	170	132	108	45.5	27.9	15.3
1.70V	---	232	163	127	105	44.6	27.6	15.2
1.75V	---	212	155	122	102	43.7	27.2	15.1
1.80V	---	196	146	116	98.5	42.7	26.7	15.0

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

End Point

Volts/Cell	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	---	448	296	232	190	118	87.6	57.4
1.65V	---	424	286	226	186	116	86.2	56.6
1.70V	---	397	274	218	181	114	84.6	55.7
1.75V	---	369	260	210	175	111	82.9	54.6
1.80V	---	338	245	200	168	107	81.2	53.5

(Note)The above characteristics data are average values obtained within threecharge/discharge cycles. All data shall be changed without notice, Neata reserves the right to explain and update the information.

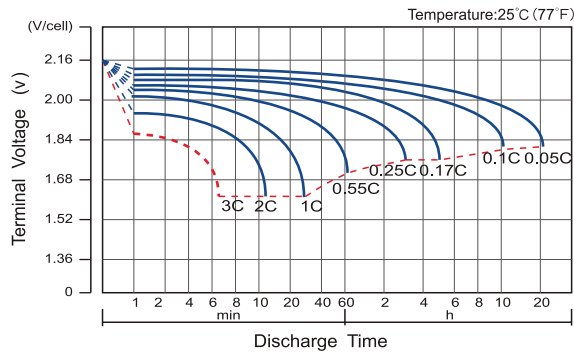
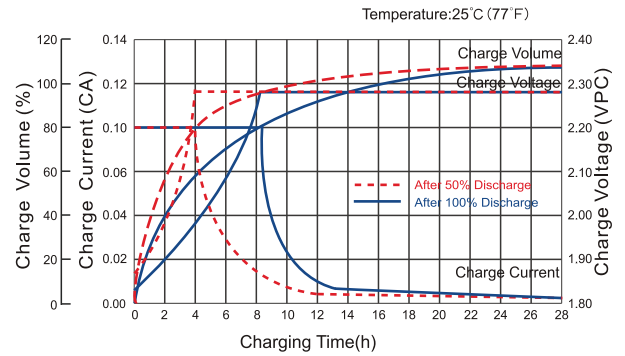
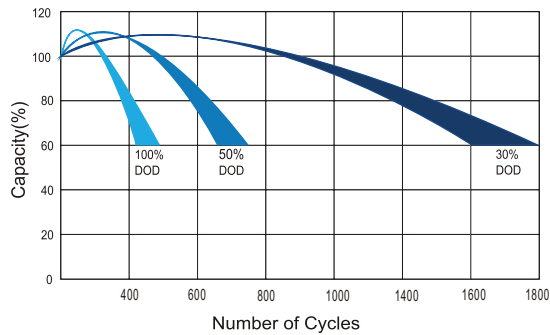
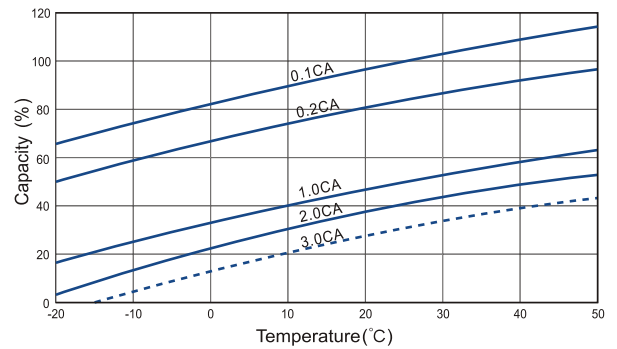
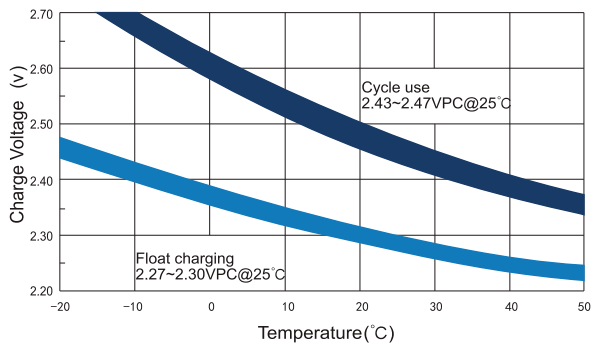
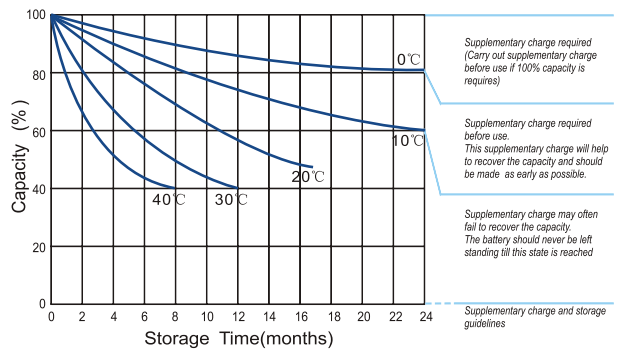
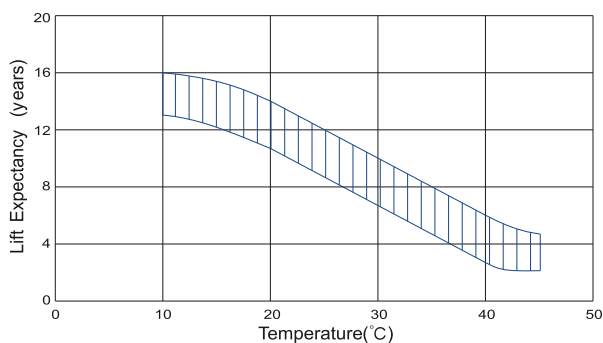
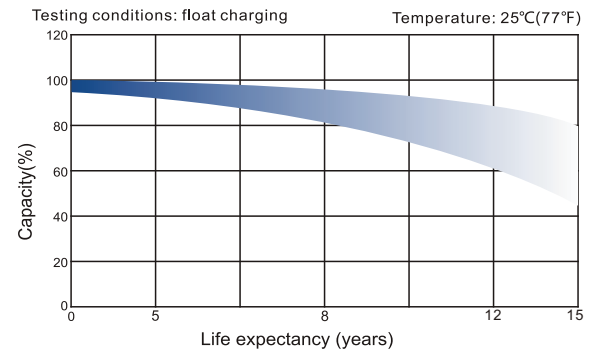
Recognized under CE/ IEC and certified by ISO9001 ,14001



POWER**LINK**

Front Terminal Series

NTF12-150E (12V150AH)

Discharge Characteristics Curve

Charge Characteristic Curve For Standby Use

Cycle Life In Relation To Depth Of Discharge

Temperature Effects On Capacity

Relationship Between Charging Voltage And Temperature

Storage Characteristics

Effect Of Temperature On Long Term Life

Life Characteristics Of Standby Use


Recognized under CE/ IEC and certified by ISO9001 ,14001

