

DURALAST

| Lasts Longer



TALL TUBULAR BATTERY

HEAVY DUTY BATTERY



LOW
Maintenance



ECO
Friendly

FEATURES

Designed For Long Life. | More Electrolyte Per Ampere Hour. | Low Maintenance.
Factory Charged And Ready To Use Condition | Easy To Monitor State Of Charge.

CONDITIONS OF FULLY CHARGED

Make sure total Ah input is completed (Amp X duration = in Ah).
3 consecutive hourly readings of specific gravity and voltage becomes constant.
Top of charge voltage will be around 15.5 V - 16.5 V
All cells should gas freely.

APPLICATIONS

UPS | INVERTOR | SOLAR | TELECOMMUNICATION | RAILWAY

BATTERY SPECIFICATION

Parameters	100AH	150AH	200AH	220AH	240AH
Nominal Voltage	12.5V	12.5V	12.5V	12.5V	12.5V
No. of Cells	6	6	6	6	6
No. of Cycles (Charge+Discharge)	800	800	800	800	800
Design Life @100cyl/yr	8 years	8 years	8 years	8 years	8 years
Nominal Capacity (27C)					
@ C20	100AH	150AH	200AH	220AH	240AH
@ C10	88AH	130AH	175AH	195AH	210AH
@ C3	64AH	95AH	125AH	140AH	150AH
Backup @ 400 W	1:40	2:15	3:15	3:30	3:40
Self Discharge		<3%/pm	<3%/pm	<3%/pm	<3%/pm
High Rate Discharge (V)	8-8.5V	8-8.5V	8-8.5V	8-8.5V	8-8.5V
Depth of Discharge (DOD) %	80%	80%	80%	80%	80%
Open Circuit Voltage (OCV)	1240-1250V	1240-1250V	1240-1250V	1240-1250V	1240-1250V
Specific Gravity @27deg	1.240-1.250	1.240-1.250	1.240-1.250	1.240-1.250	1.240-1.250
Operating Temperature Range					
Discharge	0-55C	0-55C	0-55C	0-55C	0-55C
Charge	0-55C	0-55C	0-55C	0-55C	0-55C
Storage	0-55C	0-55C	0-55C	0-55C	0-55C
Max Discharge Current (25C)	300A(5s)	450A(5s)	600A(5s)	660A(5s)	720A(5s)
Short Circuit Current	100A	150A	200A	220A	240A
Charge Methods	CCCV(25C)	CCCV(25C)	CCCV(25C)	CCCV(25C)	CCCV(25C)
Cycle Use	14.4-14.7V	14.4-14.7V	14.4-14.7V	14.4-14.7V	14.4-14.7V
Maximum Charging Current	10A	15A	20A	22A	24A
Temperature Compensation	75mV/300moh	75mV/300moh	75mV/300moh	75mV/300moh	75mV/300moh
Standby Use	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V
Dimension(LXWLH)	505x190x415	505x190x415	505x190x415	505x190x415	505x190x415
Weight +-3% Kgs	55	59	63.5	65	66.5