



More Power to you

AMERICAN
TECHNOLOGY



12V
HYBRID
VRLA
BATTERY

HYBRID VRLA BATTERY

(VALVE REGULATED LEAD ACID BATTERY)

APPLICATIONS: UPS/INVERTER/ SOLAR

Danger	Electricity Danger	Wear eye protection	Do not short circuit	Keep children away
Read the manual	No smoking, No naked flame, No sparks	Pb Recycle	Do not put battery in the trash can	Recognized by UL as a component

INDIA | DUBAI | USA

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FEATURES

Longer life

Available in two design: Isometric, Horizontal

TTPL (Thinplate pure lead technology)

Low self discharge

Exceptional deep discharge recovery performance

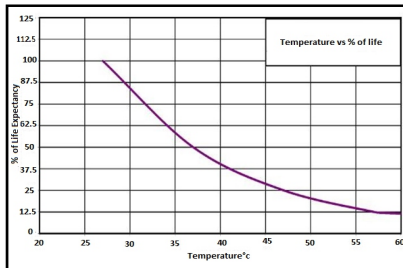
Easy and low cost maintenance

Low internal resistance of faster recharge

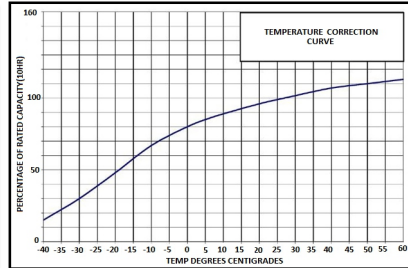
High tensile strength of container by using ABS material

CURVE

Temperature V/s Life



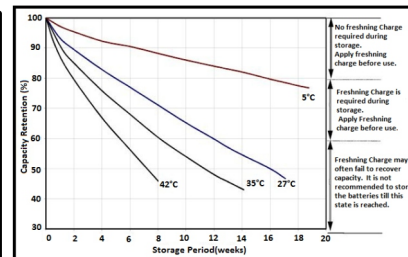
Temperature V/s Capacity



DOD V/s Cycle Life



Self Discharge Characteristics



Specification

CHARGING MODE	BANK VOLTAGE @ 27°C	SINGLE CELL VOLTAGE @ 27°C	CHARGING CURRENT
FLOAT	13.62V	2.27V	10-20% OF BATTERY AH
BOOST	13.80V	2.30V	
Cycle Life @27°C	80 % DOD	50% DOD	20% DOD
	1450	2400	5200

Operating condition -20°C to 55°C

SPECIFICATION CHART

Model Number	Capacity @ At C20 Rate	Warranty (In Months)		Dimensions in {mm}		
		Solar Inverter	UPS	L	W	H
TP1500HB	150	100*	60	532	180	290
				390	247	331
TP1800HB	180	100*	60	532	180	290
				390	247	331
TP2400HB	240	100*	60	600	185	390
				410	348	388

Conditions Apply*