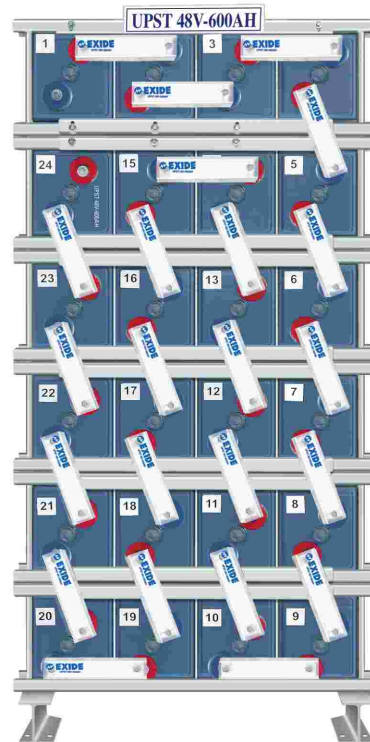




# EXIDE INDUSTRIAL

EXIDE  
*Powersafe*



SEALED  
MAINTENANCE FREE  
VRLA BATTERIES

An ISO 9001 and ISO 14001 certified company, EXIDE is the only eco-friendly manufacturer to offer lead acid batteries from 2.5 Ah to 20,400 Ah. With technical assistance from Shin-kobe Electric Machinery Co., Japan, EXIDE Powersafe is built on an experience of over 60 years in R&D, manufacturing and field operations. Also, the company's large network ensures easy accessibility and service in zero down time. Exide's R&D Centre is considered a premier battery research facilities in the world.

● **Superior Performance** ● Enhanced plate length for high power density ● Excellent recovery from deep discharge ● Low self discharge (less than 0.5% per week).

● **Safety** ● Better Thermal Management in the system ● Resistant to thermal runaway due to lead calcium tin alloy ● Flame Arrestor fitted safety valve.

● **Life** ● Service life comparable with the best

of the international makes. ● Design life is 20 years at 27°C under ideal float condition ● 4000 cycles at 20 % DOD ● 1800 cycles at 50 % DOD ● 1400 cycles at 80 % DOD.

● **Low Self Discharge** ● Antimony free alloy and hence self discharge less than 0.5% per week of C<sub>10</sub> capacity at 27°C ● Low self discharge allows the battery to be stored for 3-6 months depending on ambient temperature

and with occasional freshening charges, there is no subsequent loss of performance.

● **Performance Conforming to :**  
 ● IS 15549 : 2005 ● TEC : GR/BAT-01/03. MAR 2004 with latest amendment ● JIS : C 8704 - 2 : 1999 ● IEC : 60896 - 21 & 22 ● ANSI : T1 330 (US specification for Telecom battery) ● RDSO : IRS S93-96 with latest amendment.

**APPLICATIONS** ● Off-shore Platform ● Power Plant ● Switchgear operation ● Uninterrupted-Power supply System ● Transmission & Distribution Substations ● Telecommunication Systems ● Railway signalling

**Table No. : 1 TECHNICAL SPECIFICATIONS OF UNIT MODULES**

Battery Model	Nominal Voltage (V)	Rated capacity (Ah) 10 hr, 1.75 v/cell	Module Dimensions (mm)			Overall Module Dimensions (mm) with cells and connector shrouds			Total Weight of Module with cells (Kg) ± 5%
			L ± 5	D ± 5	H ± 5	L ± 5	D ± 5	H ± 5	
5 UPST 80	10	80	978	373	78	978	404	78	39.8
5 UPST 100	10	100	978	373	78	978	404	78	45.8
5 UPST 120	10	120	978	373	78	978	404	78	49.8
5 UPST 125	10	125	978	373	78	978	404	78	49.8
6 UPST 80	12	80	650	373	146	650	403	146	45.45
6 UPST 100	12	100	650	373	146	650	403	146	52.65
6 UPST 120	12	120	650	373	146	650	403	146	57.45
6 UPST 125	12	125	650	373	146	650	403	146	57.45
6 UPST 165	12	165	588	372	210	588	415	210	84.3
6 UPST 200	12	200	588	372	210	588	415	210	84.3
6 UPST 240	12	240	703	353	268	703	423	268	97.1
6 UPST 250	12	250	703	353	268	703	423	268	97.1
6 UPST 300	12	300	588	378	288	588	426	288	123
6 UPST 320	12	320	588	378	288	588	426	288	123
4 UPST 360	8	360	733	369	236	733	415	236	117.3
4 UPST 400	8	400	733	369	236	733	415	236	117.3
4 UPST 415	8	415	733	369	236	733	415	236	117.3
4 UPST 500	8	500	789	468	250	789	510	250	160.7
4 UPST 600	8	600	789	468	250	789	510	250	169.5
4 UPST 650	8	650	789	468	250	789	510	250	187.5
2 UPST 720	4	720	462	468	363	462	510	363	122
2 UPST 800	4	800	462	468	363	462	510	363	122
2 UPST 825	4	825	462	468	363	462	510	363	122
2 UPST 1000	4	1000	462	468	363	462	510	363	139.4
2 UPST 1100	4	1100	462	468	363	462	510	363	147
2 UPST 1250	4	1250	436	466	511	436	510	511	188.6
2 UPST 1500	4	1500	436	466	511	436	510	511	217
2 UPST 1600	4	1600	436	466	511	436	510	511	231
UPST 2000	2	2000	436	466	362	436	510	362	139.4
UPST 2500	2	2500	436	466	511	436	510	511	188.6
UPST 3000	2	3000	436	466	511	436	510	511	217
UPST 4000	2	4000	436	466	362	436	510	362	278.8
UPST 5000	2	5000	436	466	511	436	510	511	377.2
UPST 6000	2	6000	436	466	511	436	510	511	434

Note : Batteries of intermediate capacities can be made available on request.



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