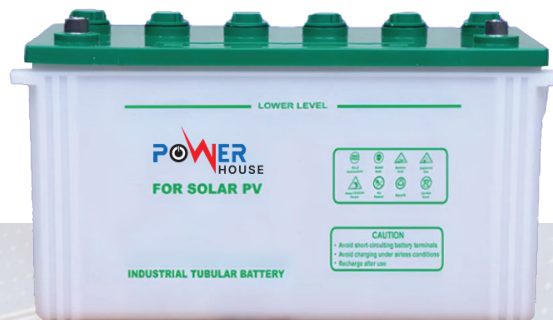




SOLAR TUBULAR BATTERY

**LONG LIFE
HIGH PERFORMANCE
LOW MAINTENANCE**

TECHNICAL SPECIFICATIONS

Capacity Weight & Dimension.	Cell Type	PHB 20T	PHB 30T	PHB 40T	PHB 55T	PHB 80T	PHB 100T	PHB 130T
Capacity in Ampere Hours at 25°C	20 Hr.(C20)	24	35	44	65	90	115	140
	10 Hr.(C10)	22	30	40	55	80	100	130
	5 Hr.(C5)	18.7	25.5	34	46.75	68	85	110.5
Discharge current in Ampere	20	1.2	1.75	2.2	3.25	4.5	5.75	7.0
	10	2.2	3.0	4.0	5.5	8.0	10.0	13.0
	5	3.74	5.1	6.8	9.35	13.6	17	22.1
External dimension of Cell(mm)	Length(mm)	240	300	254	386	495	502	510
	Width(mm)	125	170	223	178	182	220	270
	Height with terminal(mm)	215	238	243	250	250	245	255
Approx. weight of Cell(kg)	Dry	6.75	9.3	11.11	16.55	22.60	28.45	34.91
	Wet	10.75	17.10	20.73	26.90	36.53	42.60	54.5
Approx. weight of Electrolyte (kg)	Wet	4	7.8	9.62	10.35	13.93	14.15	19.59
No. of Pillars per Cell		2	2	2	2	2	2	2
Container Type		NS-60	N-70	N60NS-100	N-100	N-120	N-150	N-200
Performance Characteristics Charging Efficiency (Up to 60% state of charge) 97% Life-cycle	80% depth of discharge 1200 cycles 50% depth of discharge 2400 cycles 20% depth of discharge 3600 cycles							

**Specifications are subject to change without prior notice.*

Manufacturer

Orient Power

<https://orientpowerbd.com>