

Annexure-I**Technical and Financial Parameters of pre-approved PV models to be financed**

Model	Photo Voltaic Module (Wp)	Battery Capacity (AH)	Maximum recommended load and duty cycle	Benchmark Cost(Rs)	Maximum Capital Subsidy eligible(Rs)
I	10	12 V, 7 AH (SMF)	5-7 watt load for 3 to 4 hrs (20 watt hrs/day)	2700	1080
II	18-20	12 V, 20 AH (Tubular L.M./Gel VRLA)	10 watt load for 4 hrs (40 watt hrs/day)	4860-5400	2160
III	37-40	12 V, 40 AH (Tubular L.M./Gel VRLA)	20 watt load for 4 hrs (80 watt hrs/day)	9990-10800	4320
IV	50	12 V, 60 AH (Tubular L.M./Gel VRLA)	30 watt load for 4 hrs (120 watt hrs/day)	13500	5400
v.	70-80	12 V, 80 AH (Tubular L.M./Gel VRLA)	45 watt load for 4 hrs (180 watt hrs/day)	18900-21600	8640
vi.	100	12 V, 120 AH (Tubular L.M./Gel VRLA)	60 watt load for 4 hrs (240 watt hrs/day)	27000	10800
vii.	125	12 V, 150 AH (Tubular L.M./Gel VRLA)	75 watt load for 4 hrs (300 watt hrs/day)	33750	13500
viii	150-160	24 V, 75/80 AH (Tubular L.M./Gel VRLA)	90 watt load for 4 hrs (360 watt hrs/day)	40500-43200	17280
ix.	200-210	24 V, 100/120 AH (Tubular L.M./Gel VRLA)	120 watt load for 4 hrs (480 watt hrs/day)	54000-56700	22680

The total cost & the maximum capital subsidy have been worked out on the basis of the benchmark cost of `Rs 108/- per Watt of module capacity.