

TECHNICAL SPECIFICATION 12v SERIES



TECHNICAL DATA

Modular Type	ADM 10	ADM 20	ADM 40	ADM 50	ADM 60	ADM 75	ADM 80	ADM 100	ADM 110	ADM 150	ADM 160	ADM 200	ADM 220
Pmax	10	20	40	50	60	75	80	100	110	150	160	200	220
Vmax	17.85	17.15	17.84	17.89	18.04	17.99	18.09	17.99	18.4	17.85	18.72	18.03	18.03
I _{mp}	0.62	1.18	2.25	2.8	3.33	4.17	4.43	5.57	5.99	8.41	9.19	11.1	12.63
Voc	21.65	21.44	21.95	21.77	21.66	22.12	22.24	21.84	22.78	22.58	22.32	22.32	22.32
I _{sc}	0.69	1.27	2.44	3.04	3.67	4.49	4.76	6.11	6.4	8.2	8.81	11.94	12.3
Module Efficiency	9.24	12.25	13.07	13.55	14.21	14.74	15.72	15.14	16.62	15.19	15.58	15.39	16.2
Cable Characteristics	NA			NA			NA		NA		NA		NA
No of By-Pass Diode	NA			2			2		2		2		2
Module Dimension (mm)	-	-	435x670x35	550x670x35	-	785x670x35	-	1015x670x35	-	-	-	-	-
Mounting Hole Dia and hole to hole Distance	-	-	-	-	-	-	-	-	-	-	-	-	-
Weight (Kg)	1.4	2.8	3.8	4.6	5.3	6.8	6.8	7.5	8.5	10.6	10.6	26	26
No of Cells	36	36	36	36	36	36	36	36	36	36	36	72	72
Cell Matrix	9 x 4	10 x 4	11 x 4	12 x 4	13 x 4	14 x 4	15 x 4	16 x 4	17 x 4	18 x 4	19 x 4	12 x 6	12 x 6

