

Product Portfolio		RIG					SAAM			YAJUR					ATHARVA														
ELECTRICAL PARAMETERS	Model	ISEN40	ISEN50	ISEN60	ISEN75	ISEN80	ISEN100	ISEN125	ISEN150	ISEN200	ISEN225	ISEN250	ISEN260	ISEN300N	ISEN150	ISEN200	ISEN225	ISEN250X	ISEN300	ISEN305	ISEN310	ISEN315	ISEN320	ISEN325	ISEN330	ISEN250Y	ISEN300X	ISEN330X	
	No. of Cells (Multi-crystalline)	36	36	36	36	36	36	36	36	48	54	60	60	66	72	72	72	72	72	72	72	72	72	72	72	120	144	144	
	Power (Wp)	40	50	60	75	80	100	125	150	200	225	250	260	300	150	200	225	250	300	305	310	315	320	325	330	250	300	330	
	Voltage at Max Power (Vmax)	18.02	18.09	18.04	18.07	18.02	18.09	18.09	18.11	24.14	27.16	30.12	30.58	33.67	36.22	36.18	36.47	36.18	36.18	36.33	36.43	36.52	36.59	36.73	37.20	60.24	72.36	37.20	
	Open Circuit Voltage (Voc)	22.10	22.20	22.13	22.18	22.10	22.20	22.20	22.23	29.64	33.35	37.05	37.28	41.43	44.46	44.41	44.48	44.46	44.45	44.59	44.70	44.85	45.00	45.02	45.07	74.10	88.90	45.07	
	Current at Max Power (Imax)	2.24	2.77	3.34	4.16	4.47	5.56	6.94	8.31	8.31	8.31	8.31	8.51	8.92	4.15	5.56	6.18	6.92	8.30	8.40	8.51	8.63	8.75	8.85	8.88	4.16	4.15	8.88	
	Short Circuit Current (Isc)	2.36	2.90	3.53	4.34	4.73	5.86	7.31	8.74	8.74	8.74	8.75	8.93	9.26	4.37	5.86	6.58	7.28	8.75	8.83	8.93	9.02	9.12	9.16	9.21	4.38	4.38	9.21	
	Module Efficiency (%)	14.0%	13.7%	14.8%	14.1%	15.0%	15.3%	15.0%	15.2%	15.2%	15.4%	15.4%	16.0%	16.8%	15.2%	15.2%	15.4%	15.4%	15.5%	15.8%	16.0%	16.3%	16.5%	16.8%	17.0%	15.4%	15.5%	17.0%	
	FF (%)	77.4%	77.8%	77.1%	78.1%	77.1%	77.3%	77.4%	77.5%	77.4%	77.4%	77.2%	78.2%	78.3%	77.4%	77.3%	77.0%	77.4%	77.2%	77.5%	77.7%	77.9%	78.0%	78.8%	79.6%	77.2%	77.1%	79.6%	
ALL ELECTRICAL DATA MEASURED AT STC (STANDARD TEST CONDITION) IRRADIANCE 1000W/M², SPECTRUM 1.5 AM, TEMP. 25°C																													
MECHANICAL PARAMETERS (All Dimensions are in mm)	Length (A)	428	548	610	800	800	980	1250	1486	1336	1486	1650	1650	1806	1486	1336	1486	1650	1964	1964	1964	1964	1964	1964	1964	1650	1964	1964	
	Width (B)	666	666	666	666	666	666	666	666	986	986	986	986	986	666	986	986	986	986	986	986	986	986	986	986	986	986	986	986
	Thickness (C)	22	22	22	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	Edge to Centre Hole Distance (D)	214	274	305	400	400	490	625	743	668	743	825	825	903	743	668	743	825	982	982	982	982	982	982	982	825	982	982	
	Edge to Mounting Hole Distance (E)	107	137	153	200	200	245	313	372	334	372	395	395	473	372	334	372	395	552	552	552	552	552	552	552	395	552	552	
	Mounting CTC Distance Horizontal (F)	631	631	631	629	629	629	629	629	949	949	949	949	949	629	949	949	949	949	949	949	949	949	949	949	949	949	949	949
	Edge to Optional Mounting Hole Distance (G)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	245	245	302	NA	NA	NA	245	302	302	302	302	302	302	302	245	302	302	
	Mounting CTC Distance Vertical (H)	214	274	305	400	400	490	625	743	668	743	860	860	860	743	668	743	860	860	860	860	860	860	860	860	860	860	860	860
	Mounting Hole (I x J)	7 x 12	7 x 12	7 x 12	7 x 12	7 x 12	7 x 12	7 x 12	7 x 12	7 x 12	7 x 12	9 x 14	9 x 14	9 x 14	7 x 12	7 x 12	7 x 12	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14	9 x 14
	Centre Hole Dia (K)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Cable Length (L)	NA	NA	NA	NA	NA	NA	NA	NA	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	NA	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M	0.9/1M
	Weight in KG	3.4	4.4	5.1	5.8	5.8	7.0	9	10.7	14.2	15.8	17.6	17.6	19.2	10.7	14.2	15.8	17.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9	17.6	20.9	20.9	
▪ Operating Conditions - 40°C to +85°C at 85% RH ▪ Temperature Co-efficient for Voc/ C (β)= -0.34%, Isc/ C (α) = 0.05%, power/ C (γ) = -0.40% ▪ NOCT = 45°C ± 2°C at 800 W/m², AM 1.5, wind 1 m/s, Temp. 20°C																													