

General Specifications

Temperature Coefficients of Isc (%/°C)	+0.048 %	Allowable Hail Load	5400Pa.
Temperature Coefficients of Voc (%/°C)	-0.270 %	Junction Box Type	IP65/IP67
Temperature Coefficients of Pmax (%/°C)	-0.350 %	Front Cover	3.2mm high transmission,low iron,tempered glass
Nominal Operating Cell Temperature(NOCT)	45±2°C	Backing (Brand Type)	TPT
Operating Module Temperature	-40°C to+85°C	Standard Test Conditions	irradiance 1000 W/m2, AM 1.5G, and cell temperature of 25°C
Power Tolerance	0~+3 %	Frame	Anodized aluminum alloy
Surface Maximum Load Capacity	2400Pa	Warranty	20 years product warranty,30 years linear power output warranty

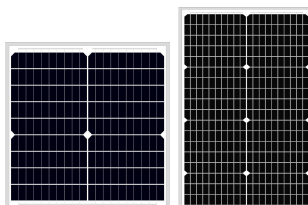
Technical Specifications

The following are the conventional model only , it's welcome to design based on customer requirement .

MODE	Power (w)	Cell Size (mm)	Cell Number (pcs)	Module efficiency	Max Power Current(A) (IMP, Amp)	Max Power Voltage(V) (VMP, Vdc)	Short Circuit Current(A) (ISC, Amp)	Open Circuit Voltage(V) (VOC, Vdc)	Cable with Connector (Meter)	Max system Voltage (VDC)	Module size(mm)	Weight (Kg)	Rated Fuse (Amp)													
GYM20-18H	20W	182*30.3	18(2*9)	14.71%	2.10	9.53	2.24	11.12	Without cables and connector	1000	340*400*25	1.5	5A													
GYM25-18H	25W	182*36.4		15.62%	2.45	10.21	2.61	12.29			400*400*25	1.8														
GYM30-18H	30W	182*45.5		15.95%	2.97	10.11	3.16	11.82			470*400*25	2.0														
GYM35-36H	35W	182*30.3	36(2*18)	13.88%	1.89	18.56	2.01	21.66			2.5mm² cable 50cm	MC4		630*400*25	2.7											
GYM40-36H	40W			15.87%	2.10	19.06	2.24	22.24						510*580*25	3.2											
GYM45-36H	45W	182*36.4	36(3*12)	15.21%	2.39	18.83	2.55	21.95						4mm² cable 90cm	15A	615*580*25	3.8									
GYM50-36H	50W			16.90%	2.56	19.56	2.72	22.82								570*670*25	4.1									
GYM55-36H	55W			15.41%	2.94	18.71	3.13	21.81								640*670*30	4.6									
GYM60-36H	60W	182*45.5	36(3*12)	16.82%	3.15	19.06	3.35	22.24								2.5mm² cable 50cm	MC4	615*580*25	3.8							
GYM65-36H	65W			17.02%	3.49	18.63	3.72	22.07										570*670*25	4.1							
GYM70-36H	70W	210*42	36(3*12)	18.32%	3.47	20.18	3.69	23.65										4mm² cable 90cm	15A	640*670*30	4.6					
GYM75-33H	75W			17.49%	4.27	17.57	4.55	20.59												610*770*30	4.9					
GYM80-33H	80W			19.66%	4.33	18.49	4.61	21.68												770*670*30	5.5					
GYM85-36H	85W	210*52.5	33(3*11)	18.09%	4.23	20.08	4.51	23.42												2.5mm² cable 50cm	MC4	840*670*30	6.0			
GYM90-36H	90W			182*60.66	36(4*9)	19.16%	4.31	20.90														4.59	24.32	900*670*30	6.5	
GYM95-30H	95W			18.41%	5.69	16.71	6.05	20.17	1170*580*30	7.1																
GYM100-30H	100W	210*70	30(3*10)	19.38%	5.78	17.31	6.15	20.92	4mm² cable 90cm	15A			1120*670*30									8.0				
GYM105-33H	105W			18.65%	5.70	18.43	6.07	22.23					1325*670*30									9.4				
GYM110-33H	110W			19.54%	5.78	19.04	6.15	23.01			1480*670*30	10.5														
GYM115-36H	115W	182*91	36(3*12)	19.07%	5.68	20.25	6.05	24.38			4mm² cable 90cm	15A	1630*770*30									13.5				
GYM120-36H	120W			19.90%	5.78	20.77	6.15	25.10					1650*880*30	15.5												
GYM125-36H	125W			18.42%	6.39	19.56	6.81	22.82					1870*880*35	17.5												
GYM130-36H	130W	210*105	36(3*12)	19.15%	6.37	20.41	6.78	23.75					4mm² cable 90cm	15A	1980*880*35							18.6				
GYM135-36H	135W			19.89%	6.46	20.90	6.88	24.32							60(4*15)	19.91%	8.50					34.12	9.05	41.24		
GYM140-30H	140W			18.65%	8.33	16.81	8.87	20.32																	72(4*18)	19.91%
GYM145-30H	145W	19.32%	8.50	17.06	9.05	20.62	19.91%	8.50										34.12	9.05							
GYM150-30H	150W	19.99%	8.67	17.31	9.23	20.92									19.91%	8.50	34.12					9.05	41.24			
GYM155-36H	155W	17.45%	7.90	19.62	8.41	23.40																		19.91%	8.50	34.12
GYM160-36H	160W	18.02%	8.07	19.84	8.59	23.73	19.91%	8.50										34.12	9.05	41.24						
GYM165-36H	165W	18.58%	8.23	20.05	8.76	24.07									19.91%	8.50	34.12				9.05	41.24				
GYM170-36H	170W	19.14%	8.39	20.27	8.93	24.41																	19.91%	8.50	34.12	9.05
GYM175-36H	175W	19.71%	8.54	20.50	9.09	24.75	19.91%	8.50	34.12	9.05								41.24								
GYM180-39H	180W	18.15%	8.46	21.28	9.01	25.23									19.91%	8.50	34.12		9.05	41.24						
GYM185-39H	185W	18.65%	8.58	21.57	9.13	25.43															19.91%	8.50	34.12	9.05	41.24	
GYM190-39H	190W	19.16%	8.70	21.86	9.19	25.62	19.91%	8.50	34.12	9.05	41.24															
GYM195-39H	195W	19.66%	8.80	22.16	9.30	25.96						19.91%			8.50	34.12	9.05	41.24								
GYM200-39H	200W	20.16%	8.91	22.45	9.41	26.29													19.91%	8.50	34.12	9.05	41.24			
GYM240-68H	240W	19.12%	6.30	38.12	6.71	44.46	19.91%	8.50	34.12	9.05	41.24															
GYM245-68H	245W	19.52%	6.35	38.57	6.76	44.95						19.91%	8.50	34.12	9.05	41.24										
GYM250-68H	250W	19.91%	6.41	39.02	6.82	45.45											19.91%	8.50	34.12	9.05	41.24					
GYM255-68H	255W	20.32%	6.46	39.48	6.88	45.95	19.91%	8.50	34.12	9.05	41.24															
GYM290-60H	290W	19.91%	8.50	34.12	9.05	41.24						19.91%	8.50	34.12	9.05	41.24										
GYM295-60H	295W	20.31%	8.60	34.32	9.15	41.53											19.91%	8.50	34.12	9.05	41.24					
GYM300-60H	300W	20.66%	8.69	34.53	9.25	41.83	19.91%	8.50	34.12	9.05	41.24															
GYM320-68H	320W	19.44%	8.36	38.26	8.91	46.10						19.91%	8.50	34.12	9.05	41.24										
GYM325-68H	325W	19.75%	8.45	38.47	9.00	46.43											19.91%	8.50	34.12	9.05	41.24					
GYM330-68H	330W	20.05%	8.53	38.69	9.08	46.75	19.91%	8.50	34.12	9.05	41.24															
GYM335-68H	335W	20.35%	8.61	38.91	9.17	47.08						19.91%	8.50	34.12	9.05	41.24										
GYM340-68H	340W	20.66%	8.69	39.13	9.25	47.41											19.91%	8.50	34.12	9.05	41.24					
GYM345-72H	345W	19.80%	8.46	40.77	9.01	49.16	19.91%	8.50	34.12	9.05	41.24															
GYM350-72H	350W	20.08%	8.54	40.99	9.09	49.50						19.91%	8.50	34.12	9.05	41.24										
GYM355-72H	355W	20.37%	8.61	41.21	9.17	49.85											19.91%	8.50	34.12	9.05	41.24					
GYM360-72H	360W	20.66%	8.69	41.43	9.25	50.20	19.91%	8.50	34.12	9.05	41.24															



33(3*11)



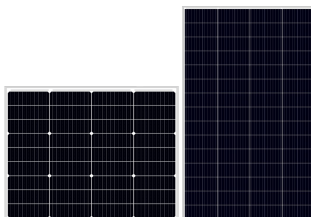
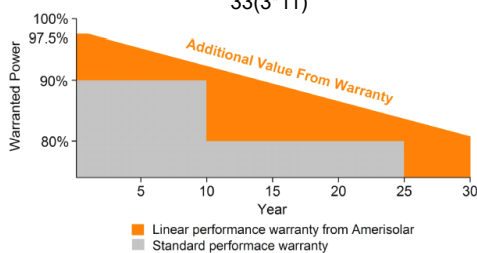
36(2*18)



36(3*12)



39(3*13)



60(4*15)



68(4*17)



72(4*18)