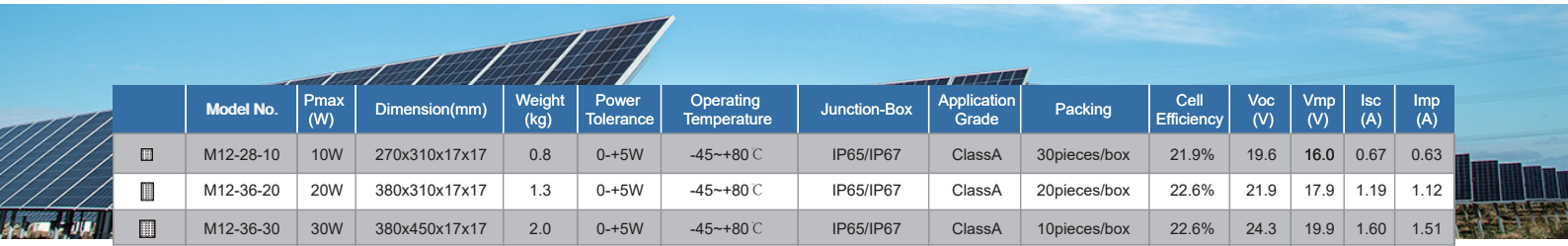
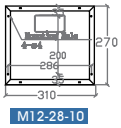
M12-EP-10W-360W SERIES

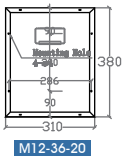


	Model No.	Pmax (W)	Dimension(mm)	Weight (kg)	Power Tolerance	Operating Temperature	Junction-Box	Application Grade	Packing	Cell Efficiency	Voc (V)	Vmp (V)	Isc (A)	Imp (A)
	M12-28-10	10W	270x310x17x17	0.8	0-+5W	-45~+80℃	IP65/IP67	ClassA	30pieces/box	21.9%	19.6	**16.0**	0.67	0.63
	M12-36-20	20W	380x310x17x17	1.3	0-+5W	-45~+80℃	IP65/IP67	ClassA	20pieces/box	22.6%	21.9	17.9	1.19	1.12
	M12-36-30	30W	380x450x17x17	2.0	0-+5W	-45~+80℃	IP65/IP67	ClassA	10pieces/box	22.6%	24.3	19.9	1.60	1.51
	M12-32-40	40W	490x450x25x25	2.4	0-+5W	-45~+80℃	IP65/IP67	ClassA	10pieces/box	22.6%	21.9	17.9	2.37	2.24
	M12-32-50	50W	620x450x25x25	3.1	0-+5W	-45~+80℃	IP65/IP67	ClassA	6pieces/box	21.9%	21.9	17.9	2.97	2.80
	M12-36-60	60W	690x450x25x25	3.4	0-+5W	-45~+80℃	IP65/IP67	ClassA	6pieces/box	22.6%	24.3	19.9	3.20	3.02
	M12-32-80	80W	900x450x25x25	4.5	0-+5W	-45~+80℃	IP65/IP67	ClassA	5pieces/box	22.6%	21.9	17.9	4.74	4.47
	M12-36-90	90W	1010x450x25x25	5.0	0-+5W	-45~+80℃	IP65/IP67	ClassA	5pieces/box	22.6%	24.3	19.9	4.80	4.53
	M12-60-150	150W	1120x670x28x25	**8.3**	0-+5W	-45~+80℃	IP65/IP67	ClassA	38pieces/Pallet	**22.6%**	40.8	33.4	4.77	4.50
	M12-66-165	165W	1225x670x28x25	9.1	0-+5W	-45~+80℃	IP65/IP67	ClassA	38pieces/Pallet	**22.7%**	44.5	36.4	4.80	4.53
	M12-66-170	170W								23.4%	44.8	36.6	4.92	4.64
	M12-72-175	175W	1330x670x28x25	9.9	0-+5W	-45~+80℃	IP65/IP67	ClassA	38pieces/Pallet	22.0%	48.6	39.7	**4.67**	4.41
	M12-72-180	180W								22.6%	48.8	39.9	4.78	4.51
	M12-72-185	185W								23.3%	**49.0**	**40.1**	**4.90**	4.62
	M12-72-190	190W								23.9%	**49.3**	**40.3**	**5.00**	4.72
	M12-144-360	360W	1956x885x28x25	19.2	0-+5W	-45~+80℃	IP65/IP67	ClassA	36pieces/Pallet	22.8%	49.4	42.0	9.03	8.57

Engineering Drawings (Back Side)



M12-28-10



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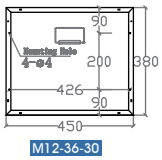

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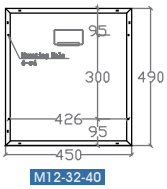

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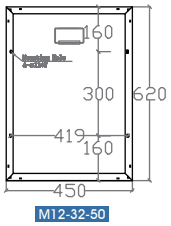

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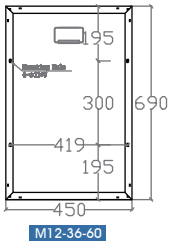

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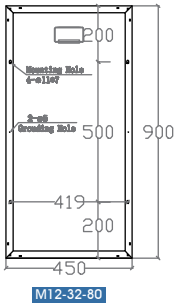

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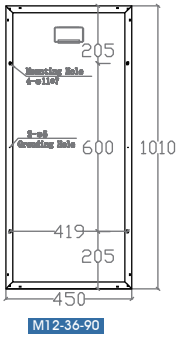
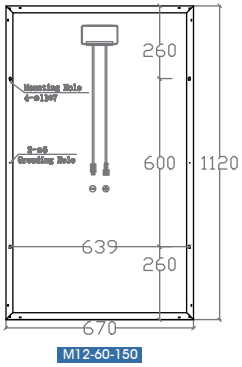
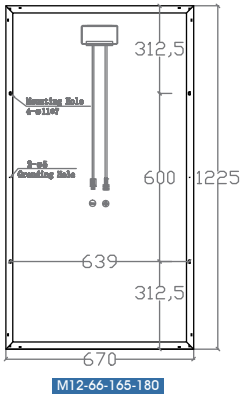


M12-36-90



M12-60-150



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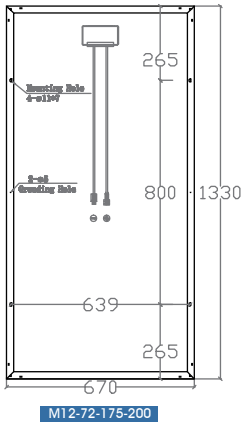

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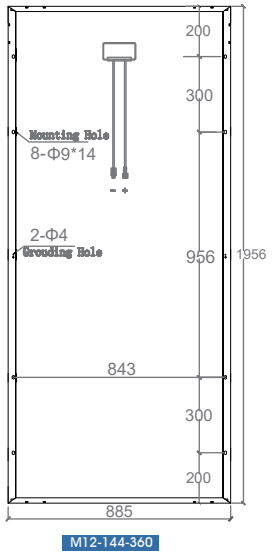

M12-144-360