

# Solar

# PHOTOVOLTAIC MODULES



# METRO

## TECHNICAL SPECIFICATIONS

Model	Units	5ME36	8ME36	10ME36	12ME36	14ME36	18ME36	20ME36	30ME36	40ME36	50ME36	70ME36
Power (Max)	Pp (Watts)	5 WP	8 WP	10 WP	12 WP	14 WP	18 WP	20 WP	30 WP	40 WP	50 WP	70 WP
Voltage at Maximum Power	Vmp(Volts)	>15.0	>15.0	>15.0	>15.0	>15.0	>15.0	>15.0	>15.0	>15.0	>15.0	>15.0
Current at Maximum Power	Imp (Amps)	0.29	0.5	0.65	0.73	0.81	1.1	1.22	1.7	2.3	3	4.2
Open Circuit Voltage	Voc (Volts)	20	20	20	20	20	20	20	20	20	20	20
Short Circuit current	Isc (amps)	0.35	0.6	0.7	0.85	1	1.4	1.5	2.2	2.7	3.4	4.6
Solar Cells per Module	Units	36/40	36	36	36	36	36	36	36	36	36	36
Dimension (MM)	LXWXTH	305X275X22	355X335X22	415X335X22	415X335X22	635X275X22	635X275X22	536X500X34	651X530X34	776X655X34	776X655X34	1206X530X34

Model	Units	80ME36	90ME36	90ME72	100ME72	120ME36	120ME72	150ME72	160ME72	165ME72	170ME72
Power (Max)	Pp (Watts)	80 WP	90 WP	90 WP	100 WP	120 WP	120 WP	150 WP	160 WP	165 WP	170 WP
Voltage at Maximum Power	Vmp(Volts)	>15.0	16.8	33.6	33.6	16.8	33.6	33.6	35.9	36	36
Current at Maximum Power	Imp (Amps)	4.7	5.48	2.74	2.95	7.15	2.6-2.9	2.8-3.1	4.46	4.58	4.71
Open Circuit Voltage	Voc (Volts)	20	20	40	40	20	40	40	43.5	43.8	44
Short Circuit current	Isc (amps)	5.1	6.2	3.1	3.4	8.15	2.5-3.5	3.3-3.7	5.12	5.18	5.25
Solar Cells per Module	Units	36	36	72	72	36	72	72	72	72	72
Dimension (MM)	LXWXTH	1486X655X34	1080X675X34	1080X675X34	1260X675X34	1500X675X42	1500X675X42	1610X805X42	1610X805X42	1605X805X42	1610X805X42

We can supply panels upto 300 watts peak.

## METRO EXPORTERS PVT.LTD

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