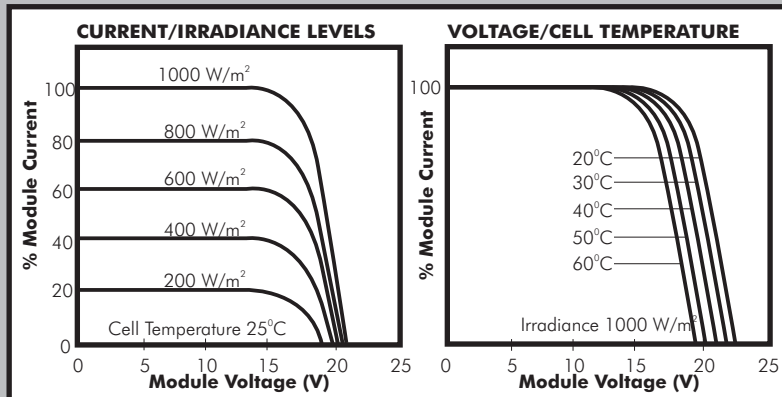
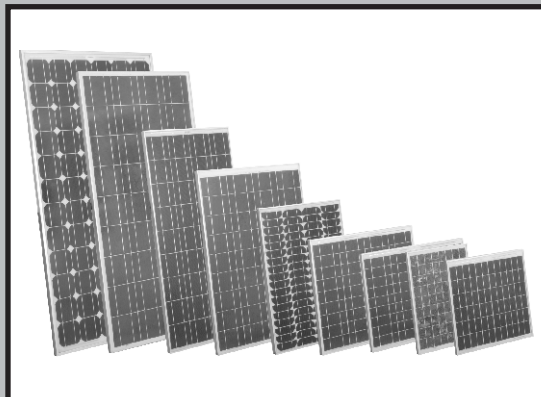




Photo Voltaic Solar Modules

TYPICAL PERFORMANCE CHARACTERISTICS (Nominal 12V Cells)



The heart of all effective photovoltaic systems is an efficient and reliable solar module and there are none better than Dayliff PV Modules. All are sourced directly from leading global PV module manufacturers who comply with the highest standards of quality and durability and offer the following features:-

- High efficiency mono crystalline solar cells with maximum efficiency of 21.6% to provide maximum power even at low irradiation levels
- High transmission rate tempered glass with an anti-reflection coating to increase the power output and provide mechanical strength.
- Multi function water proof junction box for easy connection.
- 25 year power output warranty.
- Global Certification.

Modules are sourced from world leading PV module manufacturers principally Trina, Longi, Topray and Amerisolar who are all large scale vertically integrated manufacturers that process from silicon production to module assembly to ensure consistently high quality levels. Module types are recognised as quality products and are internationally certified by TUV Rheinland to ISO, CE and IEC standards as follows.

All Dayliff modules are manufactured to the highest standards and are guaranteed to provide reliable performance over long life spans. They are quality products in terms of both technology and performance and are ideal power sources for all types of solar applications.



THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature: 43°C ($\pm 2^\circ\text{C}$)

Temperature Coefficient Pmax.: - 0.34%/°C

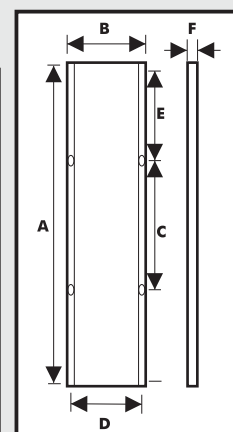
Temperature Coefficient Voc: - 0.25%/°C

Temperature Coefficient Isc: 0.04%/°C

Operational Temperature -40~+85°C

PV MODULE DATA

Model	Rated Power (W)	Nominal Voltage (V)	Peak Voltage (V)	Open Circuit Voltage (V)	Short Circuit Current (A)	Number of Cells	Dimensions (mm)						Weight (kg)
							A	B	C	D	E	F	
TP85M	85	12	20.9	24.4	4.45	36	875	528	715	350	100	23	2
TP125M	125		21.3	24.9	6.14		765	516		25			
TP150M	150	24	37.2	43.3	4.45	64	910	875	750	588	500	35	4
TP200M	200		37.5	43.5	5.95		1190		1030	665			5
LO350M	350		34.4	40.4	10.18	60	1755	1038	1300	942	200	18	
AS545M	545		41.6	49.8	13.98	144	2279	1134	1279	942	200	21	
LO560M	560		43.5	51.6	13.94		2278		1400	1093	439	30	27.2
TR660M	660		37.8	45.7	18.53	132	2384	1303		1261	492	35	33.3
TR665M	665		38.0	45.9	18.57								



Data is given at Standard Test Conditions: Irradiance 1000W/m², spectrum AM 1.5 and 25°C cell temperature
Suffix 'M' - Monocrystalline