



Type	FL-M-80W	FL-M-90W	FL-M-100W
Maximum power (Wp)	80Wp	90Wp	100Wp
Maximum power voltage (V)	18.00V	18.00V	18.00V
Maximum power current (A)	4.44A	5.00A	5.55A
Open circuit voltage (V)	21.60V	21.60V	21.60V
Short circuit current (A)	4.88A	5.38A	5.88A
Cell Efficiency (%)	15.00%	15.00%	15.00%
Number of cells (Pcs)	36 (125x125mm)		
Maximum system voltage (V)	1000V		
Size of module (mm)	1195x540x35		
Temperature Range	-40°C-----+85°C		
Weight per piece (kg)	8.5 Kg		
Warranty	5 years product warranty and 25years 80% of power		





MODEL : FLS-M-120W/130W/140W

Type	FL-M-120W	FL-M-130W	FL-M-140W
Maximum power (Wp)	120Wp	130Wp	140Wp
Maximum power voltage (V)	17.40V	17.40V	17.40V
Maximum power current (A)	6.89A	7.18A	7.47A
Open circuit voltage (V)	21.60	21.60	21.60
Short circuit current (A)	7.58A	7.90A	8.22A
Cell Efficiency (%)	13.70%	15.00%	16.60%
Number of cells (Pcs)	36 (156x156mm)		
Maximum system voltage (V)	1000V		
Size of module (mm)	1480x670x35		
Temperature Range	-40°C-----+85°C		
Weight per piece (kg)	13.8 Kg		
Warranty	5 years product warranty and 25years 80% of power		



MODEL : FLS-M-160W/170W/180W

Type	FL-M-160W	FL-M-170W	FL-M-180W
Maximum power (Wp)	160Wp	170Wp	180Wp
Maximum power voltage (V)	42.80V	43.60V	44.20V
Optimum Operating Voltage(Vmp)	35.50V	35.80V	36.80V
Optimum Operating Current(Imp)	4.51A	4.76A	4.90A
Short circuit current (A)	5.15A	5.25A	5.35A
Cell Efficiency (%)	15.00%	15.75%	16.75%
Number of cells (Pcs)	72		
Maximum system voltage (V)	1000V		
Size of module (mm)	1580x808x35		
Temperature Range	-40°C-----+85°C		
Weight per piece (kg)	16 Kg		
Warranty	5 years product warranty and 25years 80% of power		



MODEL : FLS-M-220W/230W/240W

Type	FL-M-220W	FL-M-230W	FL-M-240W
Maximum power (Wp)	220Wp	230Wp	240Wp
Maximum power voltage (V)	36.80V	37.00V	37.50V
Optimum Operating Voltage(Vmp)	29.80V	30.00V	30.60V
Optimum Operating Current(Imp)	7.39A	7.66A	7.84A
Short circuit current (A)	8.00A	8.18A	8.38A
Cell Efficiency (%)	14.30%	15.00%	15.80%
Number of cells (Pcs)	60		
Maximum system voltage (V)	1000V		
Size of module (mm)	1650x992x45		
Temperature Range	-40°C-----+85°C		
Weight per piece (kg)	20Kg		
Warranty	5 years product warranty and 25years 80% of power		