

ELECTRICAL DATA

MODULE		FU 300 P	FU 305 P	FU 310 P	FU 315 P	FU 320 P	FU 325 P	FU 330 P
<i>Standard Test Conditions STC: 1000 W/sqm - AM 1.5 - 25 °C - tolerance: Pmax (±3%), Voc (±4%), Isc (±5%)</i>								
Module power (Pmax)	W	300	305	310	315	320	325	330
Open circuit voltage (Voc)	V	45.05	45.4	45.70	46	46.30	46.6	46.9
Short circuit current (Isc)	A	8.74	8.80	8.85	8.91	8.97	9.02	9.07
Maximum power voltage (Vmpp)	V	36.49	36.80	37.10	37.42	37.75	38.01	38.35
Maximum power current (Impp)	A	8.23	8.3	8.37	8.43	8.5	8.56	8.63
Module efficiency	%	15.48	15.74	16.00	16.26	16.52	16.77	17.03

<i>Nominal Module Operating Temperature NMOT: 800 W/mq - T=45 °C - AM 1.5</i>								
Module power (Pmax)	W	219.54	223.20	226.86	230.52	234.18	237.84	241.49
Open circuit voltage (Voc)	V	41.36	41.68	41.96	42.23	42.51	42.78	43.06
Short circuit current (Isc)	A	7.18	7.23	7.27	7.32	7.37	7.41	7.45
Maximum power voltage (Vmpp)	V	33.05	33.33	33.6	33.89	34.19	34.43	34.73
Maximum power current (Impp)	A	6.65	6.70	6.76	6.81	6.87	6.91	6.97

TEMPERATURE RATINGS

Temperature coefficient Isc	%/°C	0.0474
Temperature coefficient Voc	%/°C	-0.285
Temperature coefficient Pmax	%/°C	-0.37
NMOT*	°C	45
Operating temprature	°C	from -40 to +85

* Nominal Module Operating Temperature

MECHANICAL SPECIFICATIONS

Dimensions	1957 x 990 x 40 mm
Weight	22.5 kg
Glass	Tempered, transparent, 3.2 mm
Cell encapsulation	EVA (Ethylene Vinyl Acetate)
Cells	72 polycrystalline cells 156.75x156.75 mm
Backsheet	Composite multilayer film
Frame	Anodized aluminium frame with mounting and drainage holes
Junction box	Certified according to IEC 62790, IP 68 approved
Cables	Solar cable, length 900 mm (1500 mm upon request) assembled with MC4-combinable plugs
Maximum reverse current (Ir)	20 A
Maximum system voltage	1000 V (1500 V on request)
Maximum load (wind/snow)	5400 Pa (including safety factor 1.5)
Protection Class	II - accordance to IEC 61730