



60_{cells}
Monocrystalline
Module

18.9%
Maximum
Efficiency

290-310_W
Output Range

0~+5_W
Output
Guarantee

Munich RE 
Munich RE providing Reinsurance

12 Years
Product

25 Years
Power Output

○ Ideal modules for commercial and residential

○ ISO9001,ISO14001,OHSAS18001 Standard

Solarie Technik GmbH

High Efficiency Monocrystalline Solar Module

SL-SKY-60S

290-310W



PID and snail trails free



Excellent performance under low irradiance



Additional environmental tested for salt mist /ammonia/sand,Ensure performance in harsh environment



Power tolerance 0~+5w
Guaranteed power output



Additional yield and easy maintenance with high transparent self-cleaning glass



2 times EL testing during manufacturing,defect-free modules



Passed TUV Thresher test ensure module's long-term performance and reliability



 solarie-energy.com

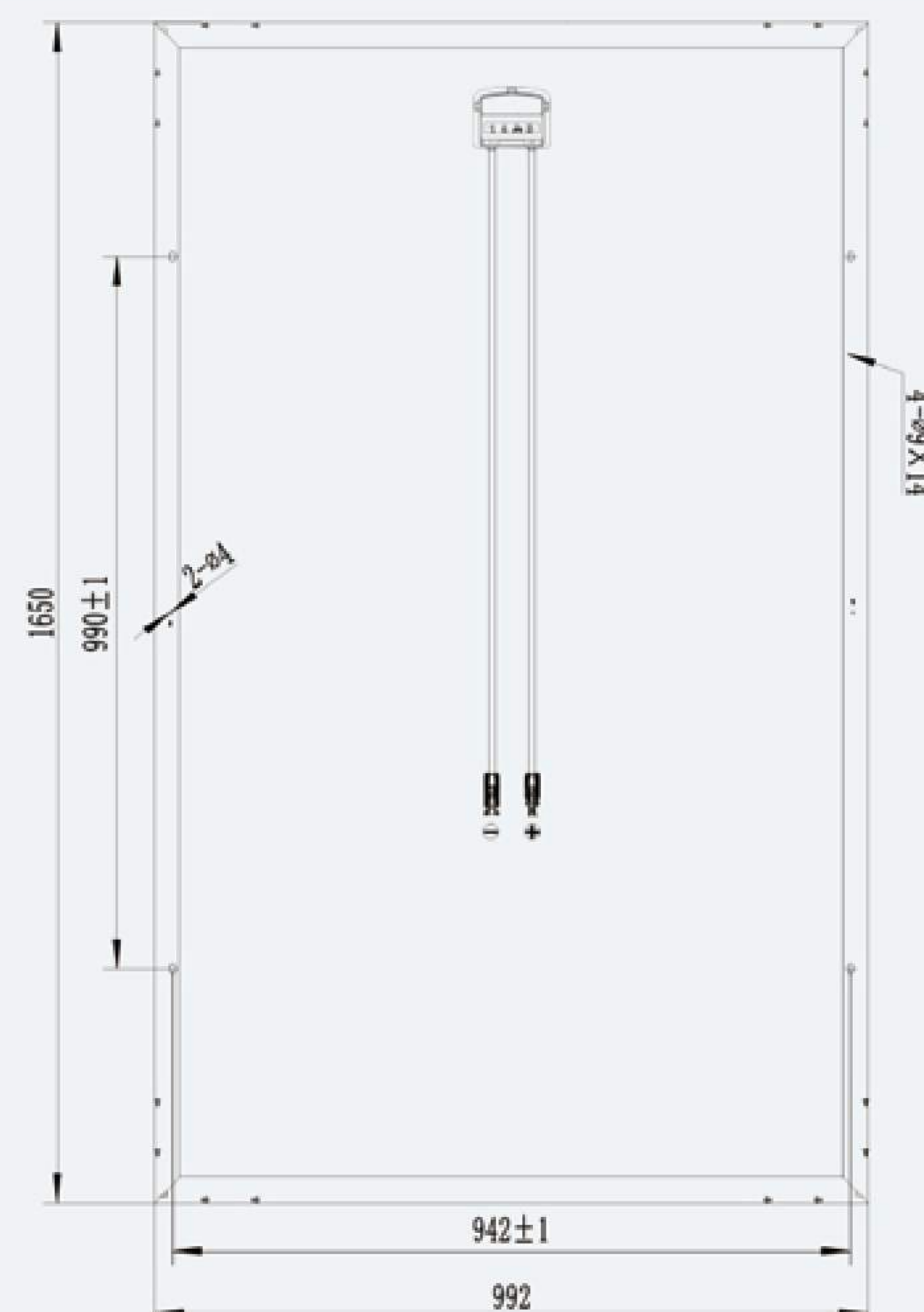
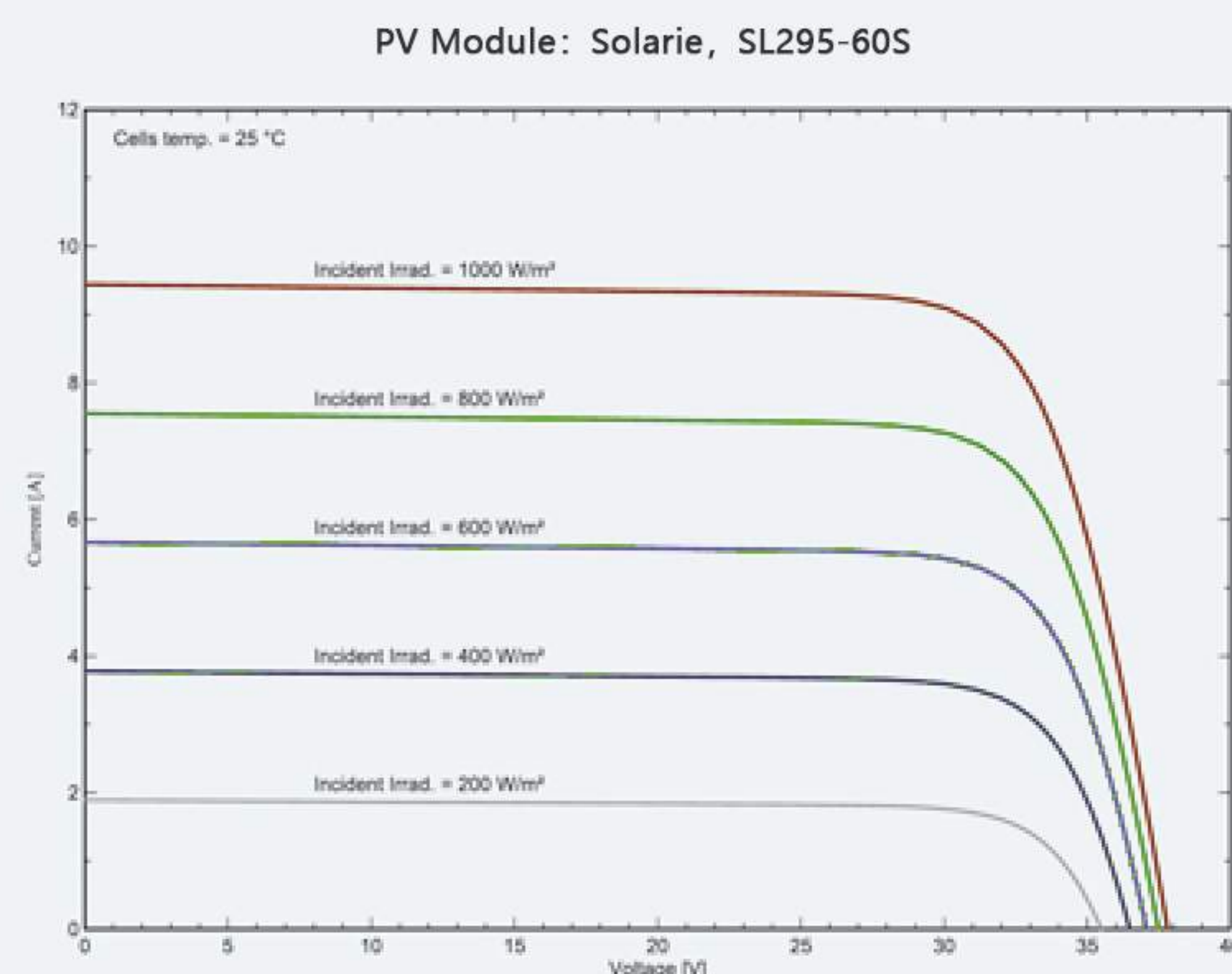
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⚠ CAUTION:READ INSTALLATION MANUAL BEFORE USING THE PRODUCT



High Efficiency Monocrystalline Solar Module

SL-SKY-60S



Electrical Specification (STC)		SL290-60S	SL295-60S	SL300-60S	SL305-60S	SL310-60S
Max.Power	P _m [W]	290	295	300	305	310
Power Tolerance	P _m [W]	0~+5	0~+5	0~+5	0~+5	0~+5
Max.Power Voltage	V _M [V]	32.2	32.5	32.6	32.9	33.1
Max.Power Current	I _M [A]	9.01	9.08	9.19	9.28	9.37
Open Circuit Voltage	V _{OC} [V]	38.9	39.6	39.8	40.0	40.4
Short Circuit Current	I _{SC} [A]	9.66	9.68	9.77	9.85	9.91
Module Efficiency	[%]	17.7	18.0	18.3	18.6	18.9

STC : Irradiance 1000W/m²,Module temperature 25°C,AM=1.5

Electrical Data(NOCT)		SL290-60S	SL295-60S	SL300-60S	SL305-60S	SL310-60S
Max.Power	P _m [W]	216	220	223	227	231
Max.Power Voltage	V _M [V]	29.9	30.2	30.4	30.6	30.9
Max.Power Current	I _M [A]	7.23	7.28	7.35	7.42	7.49
Open Circuit Voltage	V _{OC} [V]	36.7	36.9	37.1	37.3	37.5
Short Circuit Current	I _{SC} [A]	7.67	7.71	7.78	7.84	7.91

NOCT : Irradiance 800W/m²,Ambient temperature 20°C, Wind speed 1m/s

Temperature Rating	
NOCT	44±2°C
Temp Coefficient of P _{max}	-0.39%/°C
Temp Coefficient of V _{oc}	-0.29%/°C
Temp Coefficient of I _{sc}	0.050%/°C

Maximum Rating	
Operating Temp	-40~+85°C
Max.System Voltage	1000V DC/1500V DC
Max.Series Fuse Rating	15A

Packing Configuration	
Modules per pallet	30 piece
Modules per 40' container	840 piece

Mechanical Characteristics	
Solar Cell Type	156.75x 156.75mm Mono
No. of cells	60 (6 x 10)
Dimensions	1650 x 992 x 35mm
Weight	18kg
Frame	Anodized Aluminum Alloy
Junciton Box	IP67 Rated
Cables	4mm ² , 900mm
Connectors	MC4/MC4 compatible