

# ALSD Mono 230X-60M

## Data sheet **ALSD Mono 230X-60M**



### advantage of ALSD Mono 230X-60M

- manufactured by one of the biggest module-manufacturer
- closed production-chain
- quality-management according ISO 9001
- certification: UL1703 TUV
- max. system volt. 1.000V
- tolerance 0 to 3%
- easy to set up
- habile dimension

### electrical characteristics

Nominal power $P_{nom}$ under STC[Wp]	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>	<b>250</b>
Max. system voltage [V]	1.000	1.000	1.000	1.000	1.000
Voltage $U_{mpp}$ [V]	29.2	29.8	30.3	30.8	31.0
Current $I_{mpp}$ [A]	7.19	7.39	7.60	7.80	8.06
Open circuit voltage $U_{OC}$ [V]	36.4	36.8	37.0	37.4	37.6
Short circuit current $I_{SC}$ [A]	7.86	8.00	8.21	8.41	8.57
Module Efficiency[%]	12.9	13.5	14.1	14.8	15.4

## Technical data: ALSD 230X-60M

### General data:

Cells per module	60
Kind of cell	Mono crystalline
Shape of cell [mm]	156 x 156
Weight	20 kg
Frame	Aluminium - anodized
Dimension [L x B x H mm]	1640 x 992 x 46
Tolerance	0 to 3%

### Temperature coefficients

Short circuit voltage $U_{oc}$	- 0.34 % / °C
Short circuit current $I_{oc}$	+ 0.038 % / °C

Merchant:

