Monocrystalline Solar cell

Dimension	156mm x 156mm ±0.5 mm	Dia.:200 mm ±1.0mm
Wafer Thickness	0.200 mm ±0.030 mm/0.18 mm ± 0.030 mm	
Front(-)	Three 1.5 mm wide bus bars(silver) with distance 52 mm, Alkaline texturized surface with blue silicon nitride AR coating.	
Back(+)	3.0mm wide silver/aluminum soldering pads,aluminum back surface field.	

ELECTRICAL CHARACTERISTICS

Efficiency code		1700	1720	1740	1760
Efficiency	(%)	17.0	17.2	17.4	17.6
pmax	(W)	4.062	4.110	4.158	4.206
Voc	(V)	0.628	0.628	0.629	0.630
Isc	(A)	8.326	8.407	8.495	8.581
Vmp	(V)	0.531	0.532	0.532	0.533
Imp	(A)	7.650	7.725	7.811	7.890

Efficiency code		1780	1800	1820	1840
Efficiency	(%)	17.8	18.0	18.2	18.4
pmax	(W)	4.253	4.301	4.349	4.397
Voc	(V)	0.630	0.631	0.631	0.632
Isc	(A)	8.637	8.674	8.717	8.760
Vmp	(V)	0.533	0.534	0.534	0.535
Imp	(A)	7.980	8.054	8.144	8.218

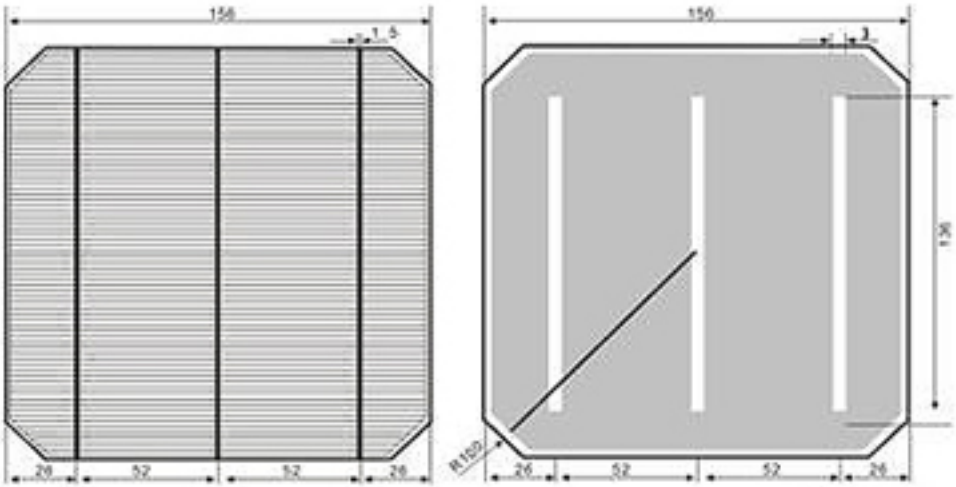
*Data under standard testing conditions (STC):1,000W/m^{2}W,AM1.5,25°C,Pmax:±1.5% rel-,Efficiency:±0.2 abs.
*Model name =Product code + Efficiency code,example:NS6ML-1740.

TYPICAL TEMPERATURE COEFFICIENTS

Voltage	-2.23	mV/K
Current	+3.69	mA/K
Power	-0.46	%/K

ISO 9001,ISO 14001,and OHSAS 18001 certified.

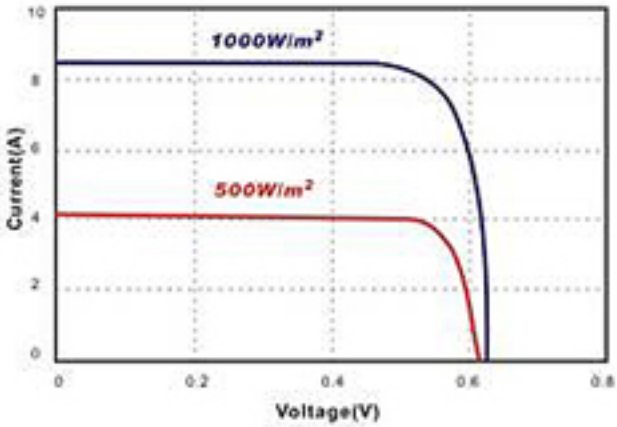
CONDUCTOR PATTERNS



(unit:mm)

TYPICAL I-V CURVE

(Cell Efficency 18.0%)



PACKAGE

Typical package for one box is 1,000 cells. These cells are sealed in paper boards every 100 pcs.
Gross weight per unit box shall be around 13.7 kg.