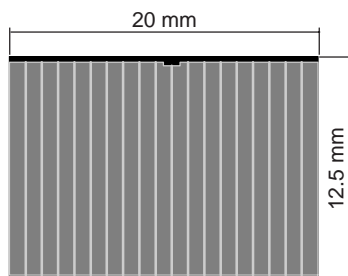


IXOLAR™ High Efficiency Solar Cells

With enhanced Absorption passivated surface



Cell Area: 2.5 cm²

Symbol		Ratings	
V_{oc}	open circuit voltage	590	mV
J_{sc}	short circuit current density	34	mA/cm ²
V_{mpp}	voltage @ P_{mpp}	480	mV
J_{mpp}	current density @ P_{mpp}	30.5	mA/cm ²
P_{mpp}	maximum peak power	15	mW/cm ²
FF	Fill factor	75	%
η	efficiency, (100 mW/cm ² ; AM 1.5; 25°C)	15	%
\varnothing_{Wafer}	Wafer diameter	125	mm
t	cell thickness	200	μm

Features

- Single crystal
- Planar process
- High efficiency

Applications

- Battery charger
- "Green" electricity Generation
- Solid state relays
- Back up power for UPS

Advantages

- long life and stable output
- solderable backside metallization
- solderable or bondable frontside metallization
- available in die or wafer form

IXOLAR™ XOD - 15

(measured at 100 mW/cm², AM 1.5, 25°C)

