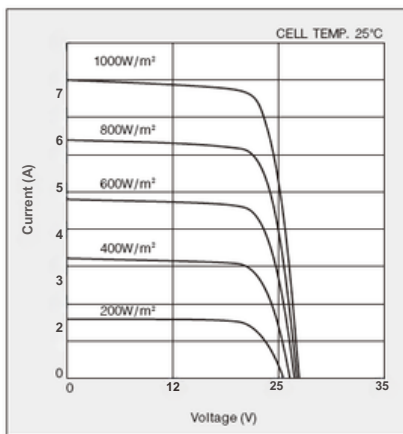


I-V CURVES OF PV MODULE(220W)



ELECTRICAL DATA (STC)

Nominal Maximum	160W ETFE	220W ETFE
Open CIRCUIT Voltage (Voc)	24,13V	33,11V
Max Power Voltage (Vmp)	20,18V	27,71V
Short Circuit Current(Isc)	8,04A	8,12A
Max Power Current (Imp)	7,93A	7,94A
Module Efficiency	%21,70	%22,47
Power temperature coefficient	-0.29%/°C	-0.29%/°C
Voltage temperature coefficient	-0.25%/°C	-0.25%/°C
Current temperature coefficient	+0.046%/°C	+0.046%/°C
Cells Efficiency(%)	24.30%	24.30%
Output power tolerance	±3%	±3%
Weight	3kg	4kg
Module Dimension	760x970x5mm ±1	760x1288x5mm ±1
Cell	32	44

SYSTEM CERTIFICATES

IEC61215/IEC61730/IEC61701/IEC62716
 ISO 9001: Quality Management System
 ISO 14001: Environmental Management
 ISO 45001: Occupational Health and Safety