



**A.R.E GROUP**

# HORUS

## 325 / 340

**EXCELLENT HIGH EFFICIENCY  
ROBUST DESIGN**

**HIGH IRRADIANCE PERFORMANCE  
& INSULATION**

**IP67 JUNCTION BOX FOR LONG  
TERM WEATHER ENDURANCE**



SGS  
**TÜV** CE  
S A A R



**A.R.E GROUP MODULE  
6PA SERIES  
325-340 W  
POLYCRYSTALLINE  
SOLAR MODULE**

**72 CELL  
MULTICRYSTALLINE  
MODULE**

**18.6 %  
MAXIMUM  
EFFICIENCY**

**OPTIMIZED FOR ALL  
SUNLIGHT CONDITONS  
± 3% POSITIVE POWER TOLERANCE**

**IDEAL FOR LARGE  
SCALE INSTALLATIONS  
MORE POWER PER M<sup>2</sup>**

**LINEAR PERFORMANCE  
WARRANTY  
12 YEARS PRODUCT  
25 YEARS LINEAR POWER WARRANTY**

**COMPANY:**

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K26 Cairo-Alex Desert Rd.  
Building of The Arab Academy,  
82401 - First Floor.  
Phone and fax: +2 0235370334 / 5  
Mob: +2 01030881177  
Email :sales@aregroupeg.com

**FACTORY:**

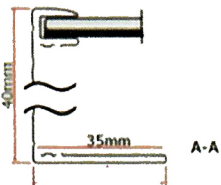
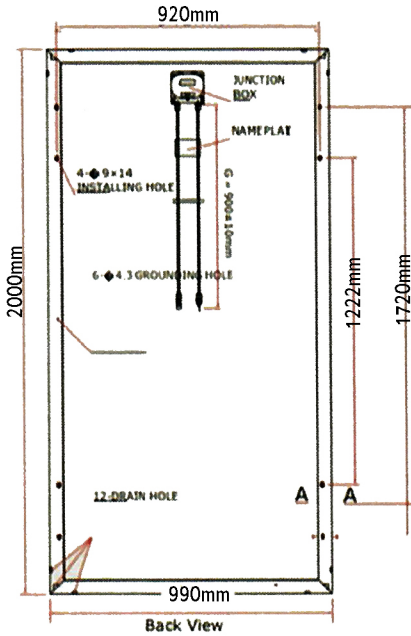
Industrial Zone of Qeft  
The first stage is the cutting  
of 13-17. Qeft Center  
Qena Governorate.  
Phone and Fax  
+02 0963420160/1/2/3/4  
Website: www.aregroupeg.com

# HORUS 325/340

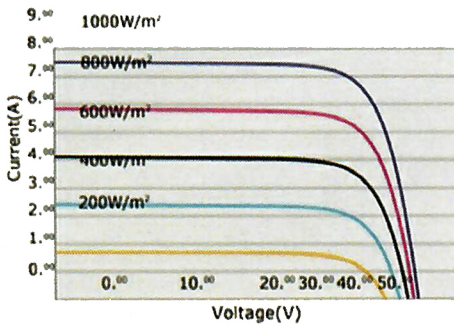


## A.R.E GROUP

### DIMENSIONS OF PV MODULE



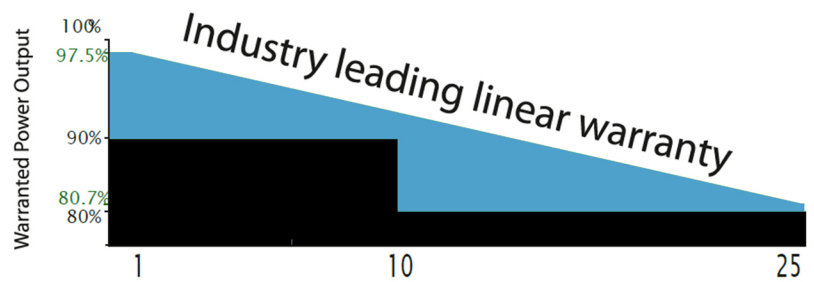
### I-V CURVES OF PV MODULE



### Dealer Information



Electrical Data @ STC	ARE-HORUS325	TEST	ARE-HORUS335	AREHORUS340
Pmp{W} /Tolerance ±5%	325	330	335	340
Voc{V} /Tolerance ±5%	45.8	45.9	46.1	46.2
Vmp{v}	37.5	37.6	37.8	37.9
Imax {Adc}	8.6	8.7	8.8	8.9
Isc{Adc}/Tolerance ±5%	9.02	9.12	9.22	9.32
Maximum system Voltage {V}	1000	1000	1000	1000
Maximum Over-Current	15	15	15	15
Protection Rating {A}				
Module Efficiency	18.4	18.5	18.5	18.6



### MECHANICAL DATA

Solar Cells	Multicrystalline 156.75 X 156.75 mm
Cell Orientation	72 cells (6x1)
Module dimensions	1956x992x40mm
Weight	25.0 kg
Glass	High Transparency Anti Reflective, AR Coated and Heat Tempered Solar Glass - 3.2 mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 67 rated
Cables	Photovoltaic Technology Cable 4.0 mm <sup>2</sup> , 900mm (Customized Available)
Connector	MC4 compatible

### TEMPERATURE RATINGS

### MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C (±2°K)	Operational Temperature	-40~+85°C
Temperature Coefficient of P <sub>oc</sub>	MAX -0.41 %/K	Maximum System Voltage	1000v DC (IEC)
Temperature Coefficient of V <sub>c</sub>	-0.32%/K	Max Series Fuse Rating	15A
Temperature Coefficient of I	0.05%/K	Mechanical Load	5400pa
		Wind Load	2400pa

### PACKAGING CONFIGURATION

### WARRANTY

Modules Per box : 28 Pieces/22 Pieces	10 years workmanship warranty
Modules Per 40' container : 660 Pieces	25 years linear performance warranty

(Please refer to product warranty for details)

### INSURANCE

Product liability insurance with CHUBB Group
Product Performance (E&O)insurance CHUBB Group