



Microsys International (S) Pte Limited

		ZDNY-20C
Parameters	type	Mono-crystalline silicon
Maximum power (watt)	W	20W
Production tolerance		+3% /-3%
Maximum power voltage	V	17.5
Maximum power current	A	1.14
Open circuit voltage	V	21
Short circuit current	A	1.23
Size of module (wide and high)		410*425*28mm
Frame(type, material and thickness)		Anodized Alum. Alloy 28mm thickness painted grey
Number of cells		36pcs
Size of cells(wide and high)		125mm*125mm ,mono cell
Weight per piece	KG	About 2.2
Type of junction box		TUV certified junction box
Certificates		CE, ROHS
Maximum system voltage		1000V
Temperature coefficient of I _{sc}		±0.05%/°C
Temperature coefficient of V _{oc}		-0.33%/°C
Temperature coefficient of power		-0.5%/°C
Temperature coefficient of I _{mp}		+0.08%/°C
Temperature coefficient of V _m		-0.33%/°C
NOCT(nominal operating cell temperature)		45°C (± °C)
Insulation		> = 100MΩ
Voltage standoff		AC2000V, DC 3000V
Wind bearing		60m/s(200kg/sq.m)
Impact resistance hail impact test		227g steel ball fall down from 1m height
Encapsulated with toughened glass		Low iron tempered glass with thickness of 3.2mm,light transmittance above91%
Superstrate in front		Hi-sheet RC 02B (0.45mm thick)/Japan
Backside foil		PTL3-38/75(0.17mm thick),Krempel/Germany
Conversion efficiency		Cell conversion efficiency > 15.75%
Quality guarantee		2years product warranty,10years 90% and 25years 80% of the power

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