

APS YC200-NA Datasheet

Type	YC200-NA
Input Data (DC)	
Recommended PV Module Power Range (STC)	180-280W
MPPT Voltage Range	22-45V
Maximum Input Voltage	55V
Minimum Start-up Voltage	21V
Maximum Input Current	12A
Output Data (AC)	
Maximum Output Power	220W
Maximum Output Current	1.2A
Nominal Output Voltage/Range	240V / 211-264V ¹
Nominal Output Frequency/Range	60Hz / 60.5-59.3Hz ¹
Power Factor	>0.99
Total Harmonic Distortion	<3%
Maximum Units Per Branch	15
Efficiency	
Peak Efficiency	95.0%
CEC Weighted Efficiency	94.0%
Nominal MPP Tracking Efficiency	99.0%
Night-time Power Consumption	80mW
Mechanical Data	
Operating Temperature Range (Ambient)	-40°C to +65°C
Storage Temperature Range	-40°C to +85°C
Dimensions (WxHxD)	218 mm x 137 mm x 35 mm
Weight	2.5kg
Enclosure Rating	NEMA 3R
Cooling	Natural Convection
Features & Compliance	
Communication	Powerline
Design lifetime	25 years
Emissions & Immunity (EMC) Compliance	FCC PART 15 B
Safety Class Compliance	UL 1741
Grid Connection Compliance	IEEE 1547
¹ Programmable to meet customer need.	