

X01 Series Inverter Specifications	
	HR-INV-X01-020
Input	
Recommended Input PV Power (W)	2500
Max. DC Input Power(W)	2350
Nom.Input Voltage(Vdc)	280
MPPT Voltage Range(Vdc)	150-400
Max. Input DC Current(Adc)	6+6
Number of Input Connections(pair)	2
Number of MPPT Channel	2
Input Transient Voltage Suppression	Yes
Earth Fault Detection and Indication	Yes
Opposite Polarity Protection	Yes
Output	
Max. Output AC Power(VA)	2200
Nom. Output AC Power(VA)	2000
Power Factor	>0.99
Output Current THD	<4%
Nom. Grid Voltage(Vrms)	220/230/240 50Hz 120/240 60Hz
Grid Voltage Range(Vrms)	88%-110% of norm grid voltage by default, adjusted to local regulation
Rated Output AC Current(Arms)	8.7
Max. Output AC Current(Arms)	10.0
Grid Frequency Range(Hz)	50/60±0.5Hz by default, adjusted to local regulation
Transformer Isolation Between System and Grid	Yes
Output Transient Voltage Suppression	Yes
Non-islanding	Yes, comply with UL1741/IEEE1547/VDE0126-1-1/DK5940/AS4777/G83
Electromagnetic Compatibility	EN61000-6-1:2007/EN61000-6-3:2007/EN61000-6-2:2005/EN61000-6-4:2007/EN61000-3-2:2006/EN61000-3-3:1995/+A1:2001/+A2:2005
Power Efficiency(with isolation)	
Max Efficiency	>94.0
European Efficiency	>92.5
Packaging	
Enclosure	IP65, for indoor and outdoor installation
Weight(kg)	36.5
Dimension(H x W x D. mm)	370x525x225
Environment	
Operation Ambient Temperature(°C)	-25~ +50
Storage Ambient Temperature(°C)	-40~ +70
Elevated Above Sea Level(m)	4000(Max. Temp +30°C)