



DI Serie (High Frequency Isolated)

Just Solar DI series inverter is the new on-grid PV inverter which integrated with most advanced technology, comes with 10 years warranty, and is designed to meet the new IEE1547 requirements for the North American market. Also it's suitable for thin-film modules.

Easy installation and simple operation make them ideal for residential and small-to-medium commercial applications. Just Solar inverter, with ever-increasing efficiency and high stability, could ensure you better overall performance of solar power systems and shorter payback periods.

- Maximum Efficiency up to 96.2%
- CEC Efficiency over 95.5%
- MPPT Adaptation Efficiency over 99.5%
- DC switch
- Environmental Protection Rating: NEMA 3R
- 45°C full-load output
- THDi less than 1.5%
- Large 4-inch LCD
- Intuitive and comprehensive information display
- Plug and play communication interface
- Fanless and patented integrated design

Technical Data

	JST-3000D-DI	JST-3600D-DI	JST-4200D-DI
DC Input Data			
Max. DC power [W]	3200	3900	4500
Max. DC voltage [V]	550	550	550
MPPT voltage range [V]	125-500	125-500	125-500
Starting voltage [V]	125	125	125
Max. DC current [A]	15/15	15/15	15/15
No. of DC connectors	2	2	2
No. of MPPTs	2 (can parallel)	2 (can parallel)	2 (can parallel)
DC connector	Terminal block	Terminal block	Terminal block
AC Output Data			
Normal AC(208Vac) power [W]	2800	3500	4000
Normal AC(240Vac) power [W]	3000	3600	4200
Max. AC current [A]	15	18	22
Normal AC output	208/240Vac; 60Hz;	208/240Vac; 60Hz;	208/240Vac; 60Hz;
AC output range	183-229V @208Vac; 211-264V @240Vac; 59.3-60.5Hz	183-229V @208Vac; 211-264V @240Vac; 59.3-60.5Hz	183-229V @208Vac; 211-264V @240Vac; 59.3-60.5Hz
THDi	<1.5%	<1.5%	<1.5%
Power factor	0.99	0.99	0.99
Grid connection	Phase-phase/Phase-neutral	Phase-phase/Phase-neutral	Phase-phase/Phase-neutral
Efficiency			
Max. efficiency	96.2%	96.2%	96.2%
Euro efficiency	>95.5%	>95.5%	>95.5%
MPPT adaptation efficiency	>99.5%	>99.5%	>99.5%
Protection			
Anti-islanding protection	Integrated	Integrated	Integrated
DC switch	Integrated (optional)	Integrated (optional)	Integrated (optional)
AC over current protection	Integrated	Integrated	Integrated
GFDI	Integrated	Integrated	Integrated
Certifications&Standards			
Grid regulation		According to UL 1741, IEEE 1547, CSA C22.2 No. 107.1-1	
Safety		According to UL 1741, IEEE 1547, CSA C22.2 No. 107.1-1	
EMC		FCC part 15 (Class A and B)	
General Data			
Dimensions (WxHxD)		390*565*165mm	
Weight [kg]		24	
Mounting		Wall bracket	
Ambient temperature range		-20~60°C (>45°C derating)	
Relative humidity		0~95%	
Max. operating altitude		2000m	
Environmental Protection Rating		NEMA 3R	
Topology		HF transformer	
Night power consumption [W]		<1	
Cooling		Nature convection	
Noise emission [dB]		<25	
Display		4.0" LCD	
Communication		USB2.0; RS485 or WiFi	
Standard warranty [years]		10	



color options