

Solar Inverter

DASS, Symbol of reliability for solar inverter

DASS 30i

Grid-connected Photovoltaic Inverter
34kW Commercial string-type



DASS 30i - 34kW / DSP-3334K2-OD

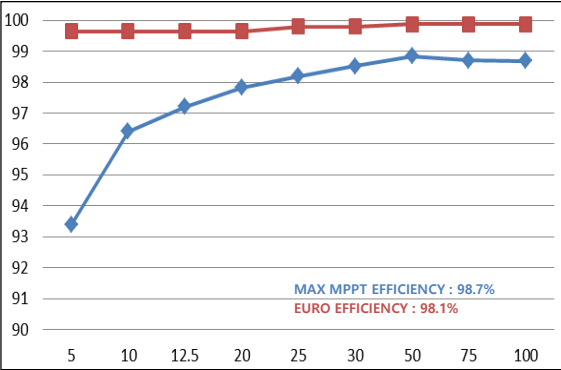
The new solutions for commercial roof-tops with DASS Tech String-inverter



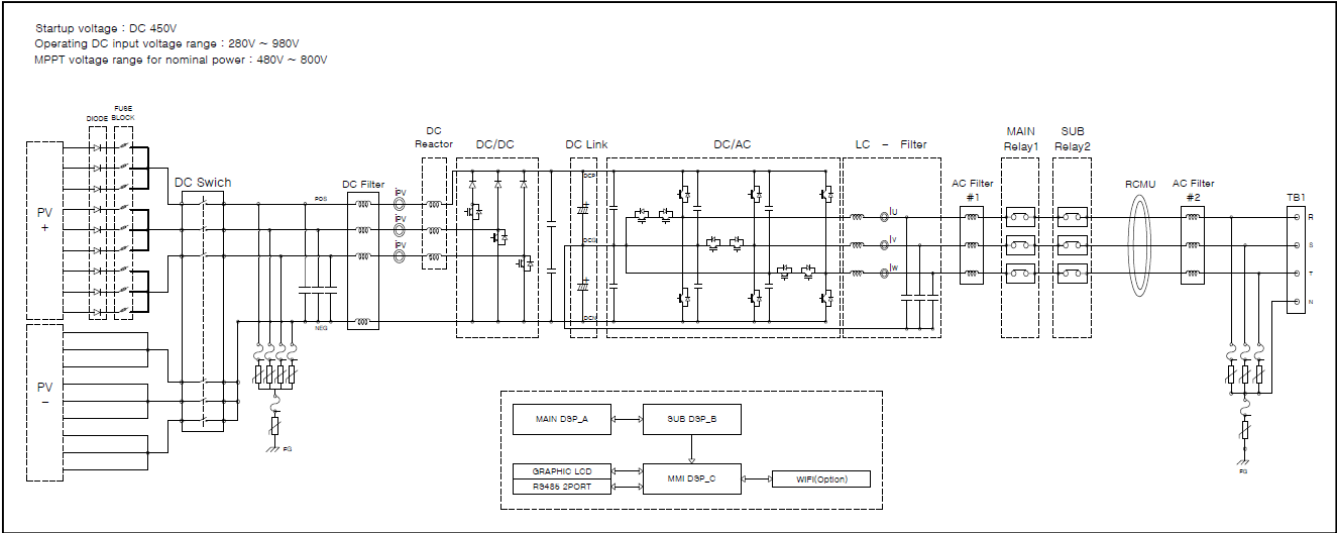
Technical Datasheet

MODEL		DASS 30i
Input (DC)	Max. PV input voltage (Voc)	1000Vdc
	Startup voltage (Voc)	450Vdc
	MPP voltage range (Vmp)	280~980Vdc
	MPP voltage range for nominal power (Vmp)	480~800Vdc
	No. of MPPT	3
	Max. number of PV strings per MPPT	3 / 3 / 3
	Max. PV input current	26 A / 26 A / 26 A
	Max. current for input connection	15 A
Output (AC)	Nominal AC output power	34000 W
	Max. AC apparent power	35000 VA
	Max. AC output current	52 A
	Normal AC voltage	3W / N / PE, 415 V
	AC voltage range	320~480V
	Nominal grid frequency	50Hz
	Grid frequency range	45~55Hz
	Total harmonic distortion(THD)	< 3% at nominal power
	DC current injection	< 0.5% In
System Data	Power factor	> 0.99 (default value at nominal power), adj. 0.8 leading ~ 0.8 lagging
	Max. efficiency	98.3%
	Euro. Efficiency	98.1%
	Isolation method	Non-Transformer
	Ingress protection rating	IP65 (for electronics)
	Night power consumption	< 2W
	Operation ambient temperature range	-25°C ~ 60°C (> 50°C derating)
	Allowable relative humidity range	0 ~ 100%
	Cooling method	Smart forced air cooling
	Max. operating altitude	3000m (> 2000m derating)
	Display	Graphic LCD
	communication	RS485 * 2, Wifi optional
	DC connection type	
	AC connection type	
General Data	Protection Method	DC reverse polarity, Ground fault, DC Over Voltage, Over load, Over heat, AC short circuit, AC Over/under voltage, Over/under frequency, Anti-islanding (IEEE1547)
	Dimensions (W/H/D)mm	550 X 770 X 320
	Mounting method	Wall mounting
	Weight	55kg

High efficiency for commercial scale



Block Diagram





innovation for Solar **i**nverter

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and lovely, together

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