

Solar Inverter

DASS, Symbol of reliability for solar inverter

DASS 20i HV - 15, 20, 25kW

Grid-connected Photovoltaic Inverter
15, 20, 25kW Commercial string-type



DASS 20i HV - 15, 20, 25kW

DSP-3315H-OD

DSP-3320H-OD

DSP-3325H-OD

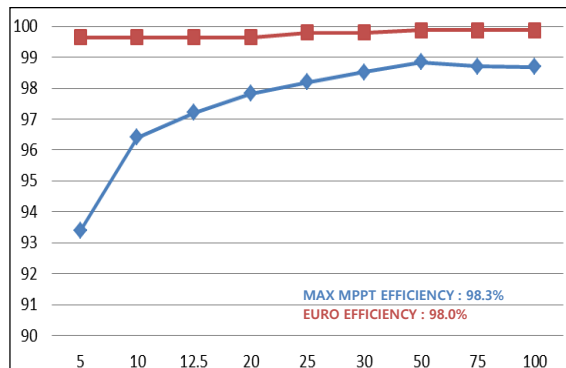
The new solutions for commercial roof-tops with Economic and Efficient, inverter of DASS Tech

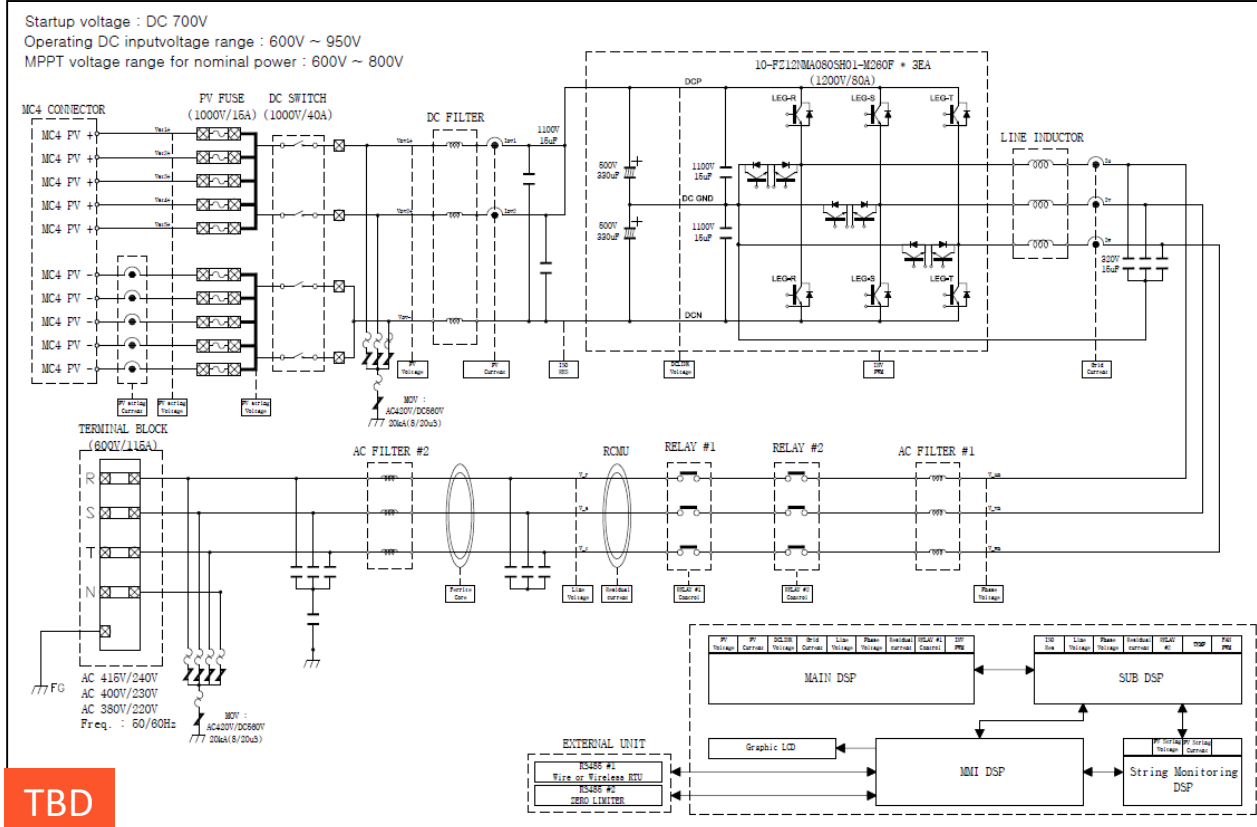
Technical Datasheet



MODEL		DASS 20i HV
Input (DC)	Max. PV input voltage (Voc)	1000Vdc
	Startup voltage (Voc)	670Vdc
	MPP voltage range (Vmp)	570~950Vdc
	MPP voltage range for nominal power (Vmp)	570~800Vdc
	No. of MPPT	1
	Max. number of PV strings per MPPT	5
	Max. PV input current	42 A
	Max. current for input connection	15 A
Output (AC)	Nominal AC output power	15kW / 20kW / 25kW
	Max. AC apparent power	15000VA / 20000VA / 25000VA
	Max. AC output current	35 A
	Normal AC voltage	3 / N / PE or 3 / PE, 415 V
	AC voltage range	320~480V
	Nominal grid frequency	50Hz
	Grid frequency range	45~55Hz
	Total harmonic distortion(THD)	< 2% 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	< 1W
	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	MC4, max. 6 mm ² cable
	AC connection type	Screw clamp terminal, Max. 10 mm ² - 7AWG
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
	Dimensions (W/H/D)mm	550 X 565 X 280
	Mounting method	Wall mounting
	Weight	48kg

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innovation for Solar **i**nverter

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and lovely, together

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Head-Quarter

109, Yangcheongsongdae-gil, Ochang-eup, Cheongwon-gu, Cheongju-si, Chungbuk, 28118 Korea
Tel +82 43 218 5670 **Fax** +82 43 218 5671

Overseas Sales Dept.

8th floor, Hyunjuk Bldg. Yeoksam-ro 114, Gangnam-gu, Seoul, 06252 Korea
Tel +82 43 218 5670 **Fax** +82 43 218 5671

GM Energy - Thailand Branch

163 Rajapark Bldg. 14th FL, Soi Sukhumvit 21 Sukhumvit Rd, Klongtoey-nua, Wattana, Bangkok-10110, Thailand
Tel +66 2 260 6282 **Fax** +66 2 260 6280

TANEKO Trading - Philippines Agency

V & O Co. Bldg. Unit #1, Lot Don Bosco St., Bangkal Ncr, Fourth District, Makati 1233 Phillipines
Tel +63 2 518 8868 **Fax** +63 915 148 1423

HORNET Vietnam Service and Trading - Vietnam Branch

57/6 Pham Thai Buong Street, Nam Thien I(H13) Quarter, Tan Phong Ward, District 7, Ho Chi Minh City, Vietnam
Tel +84 8 5412 5298 **Fax** +84 91 803 2741