

ON

TURN ON YOUR

CREATE A NEW ERA OF SMART ENERGY

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GoodWe Goodium series PV Inverter (Model: GGI) is subject to change without notice during product improving.

Smart Photovoltaic
Inverter Series

GGI

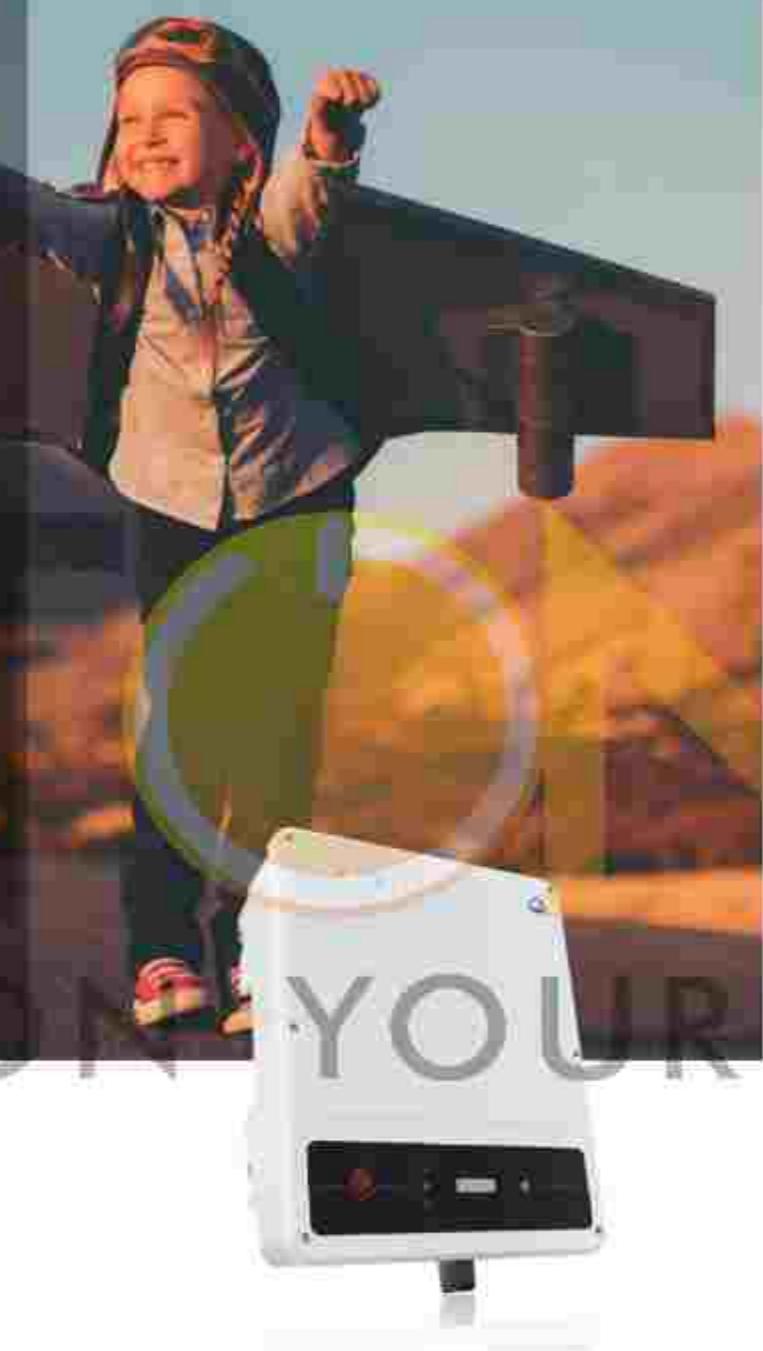
SOLAR ENERGY



SDT Series

4-15kW | 2 MPPT | Three Phase

The GoodWe SDT Series is one of the best options available on the residential & commercial segments thanks to its technical strengths that make it one of the most efficient in the market. For enhanced safety, this inverter is able to incorporate AFCI as well as connector temperature detection. Its high efficiency (98.3%) and its enhanced oversizing & overloading capabilities represent an outstanding improvement in the industry. Moreover, its plug-in AC connectors make operation & maintenance easier.



Up to 98.3% Max. Efficiency



50% DC input oversizing



10% AC output overloading



Arc-fault circuit interrupter



Easy for installation and O&M

SDT Series

Technical Data	GW4K-DT	GW5K-DT	GW6K-DT	GW8K-DT	GW10KT-DT	GW12KT-DT	GW15KT-DT
PV String Input Data							
Max. DC Input Power (W)	8000	10000	12000	16000	18000	18000	22500
Max. DC Input Voltage (V)	1200	1000	1000	1000	1000	1000	1000
MPPT Operating Voltage Range (V)	180~850	180~850	180~850	180~850	180~850	180~850	180~850
Start-up Voltage (V)	160	160	160	160	160	160	160
Nominal DC Input Voltage (V)	620	620	620	620	620	620	620
Max. Input Current per MPPT (A)	12.5 / 12.5	12.5 / 12.5	12.5 / 12.5	12.5 / 12.5	12.5 / 12.5	12.5 / 12.5	12.5 / 12.5
Max. Short Circuit Current per MPPT (A)	15.8 / 15.8	15.8 / 15.8	15.8 / 15.8	15.8 / 15.8	15.8 / 15.8	15.8 / 15.8	15.8 / 15.8
Number of MPPT	2	2	2	2	2	2	2
Number of strings per MPPT	1/1	1/1	1/1	1/1	1/1	1/2	1/2
AC Output Data							
Nominal Output Power (W)	4000	5000	6000	8000	10000	12000	15000
Max. Output Apparent Power (VA)	4400 ¹	5500 ¹	6600 ¹	8800 ¹	11000 ¹	14000 ¹	18500 ¹
Nominal Output Voltage (V)	400~500~110~220~230~240~250~260~270~280~290~300~310~320~330~340~350~360~370~380~390~400~410~420~430~440~450~460~470~480~490~500~510~520~530~540~550~560~570~580~590~600~610~620~630~640~650~660~670~680~690~700~710~720~730~740~750~760~770~780~790~800~810~820~830~840~850~860~870~880~890~900~910~920~930~940~950~960~970~980~990~1000~1010~1020~1030~1040~1050~1060~1070~1080~1090~1100~1110~1120~1130~1140~1150~1160~1170~1180~1190~1200~1210~1220~1230~1240~1250~1260~1270~1280~1290~1300~1310~1320~1330~1340~1350~1360~1370~1380~1390~1400~1410~1420~1430~1440~1450~1460~1470~1480~1490~1500~1510~1520~1530~1540~1550~1560~1570~1580~1590~1600~1610~1620~1630~1640~1650~1660~1670~1680~1690~1700~1710~1720~1730~1740~1750~1760~1770~1780~1790~1800~1810~1820~1830~1840~1850~1860~1870~1880~1890~1900~1910~1920~1930~1940~1950~1960~1970~1980~1990~2000~2010~2020~2030~2040~2050~2060~2070~2080~2090~2100~2110~2120~2130~2140~2150~2160~2170~2180~2190~2200~2210~2220~2230~2240~2250~2260~2270~2280~2290~2300~2310~2320~2330~2340~2350~2360~2370~2380~2390~2400~2410~2420~2430~2440~2450~2460~2470~2480~2490~2500~2510~2520~2530~2540~2550~2560~2570~2580~2590~2600~2610~2620~2630~2640~2650~2660~2670~2680~2690~2700~2710~2720~2730~2740~2750~2760~2770~2780~2790~2800~2810~2820~2830~2840~2850~2860~2870~2880~2890~2900~2910~2920~2930~2940~2950~2960~2970~2980~2990~3000~3010~3020~3030~3040~3050~3060~3070~3080~3090~3100~3110~3120~3130~3140~3150~3160~3170~3180~3190~3200~3210~3220~3230~3240~3250~3260~3270~3280~3290~3300~3310~3320~3330~3340~3350~3360~3370~3380~3390~3400~3410~3420~3430~3440~3450~3460~3470~3480~3490~3500~3510~3520~3530~3540~3550~3560~3570~3580~3590~3600~3610~3620~3630~3640~3650~3660~3670~3680~3690~3700~3710~3720~3730~3740~3750~3760~3770~3780~3790~3800~3810~3820~3830~3840~3850~3860~3870~3880~3890~3900~3910~3920~3930~3940~3950~3960~3970~3980~3990~4000~4010~4020~4030~4040~4050~4060~4070~4080~4090~4100~4110~4120~4130~4140~4150~4160~4170~4180~4190~4200~4210~4220~4230~4240~4250~4260~4270~4280~4290~4300~4310~4320~4330~4340~4350~4360~4370~4380~4390~4400~4410~4420~4430~4440~4450~4460~4470~4480~4490~4500~4510~4520~4530~4540~4550~4560~4570~4580~4590~4600~4610~4620~4630~4640~4650~4660~4670~4680~4690~4700~4710~4720~4730~4740~4750~4760~4770~4780~4790~4800~4810~4820~4830~4840~4850~4860~4870~4880~4890~4900~4910~4920~4930~4940~4950~4960~4970~4980~4990~5000~5010~5020~5030~5040~5050~5060~5070~5080~5090~5100~5110~5120~5130~5140~5150~5160~5170~5180~5190~5200~5210~5220~5230~5240~5250~5260~5270~5280~5290~5300~5310~5320~5330~5340~5350~5360~5370~5380~5390~5400~5410~5420~5430~5440~5450~5460~5470~5480~5490~5500~5510~5520~5530~5540~5550~5560~5570~5580~5590~5600~5610~5620~5630~5640~5650~5660~5670~5680~5690~5700~5710~5720~5730~5740~5750~5760~5770~5780~5790~5800~5810~5820~5830~5840~5850~5860~5870~5880~5890~5900~5910~5920~5930~5940~5950~5960~5970~5980~5990~6000~6010~6020~6030~6040~6050~6060~6070~6080~6090~6100~6110~6120~6130~6140~6150~6160~6170~6180~6190~6200~6210~6220~6230~6240~6250~6260~6270~6280~6290~6300~6310~6320~6330~6340~6350~6360~6370~6380~6390~6400~6410~6420~6430~6440~6450~6460~6470~6480~6490~6500~6510~6520~6530~6540~6550~6560~6570~6580~6590~6600~6610~6620~6630~6640~6650~6660~6670~6680~6690~6700~6710~6720~6730~6740~6750~6760~6770~6780~6790~6800~6810~6820~6830~6840~6850~6860~6870~6880~6890~6900~6910~6920~6930~6940~6950~6960~6970~6980~6990~7000~7010~7020~7030~7040~7050~7060~7070~7080~7090~7100~7110~7120~7130~7140~7150~7160~7170~7180~7190~7200~7210~7220~7230~7240~7250~7260~7270~7280~7290~7300~7310~7320~7330~7340~7350~7360~7370~7380~7390~7400~7410~7420~7430~7440~7450~7460~7470~7480~7490~7500~7510~7520~7530~7540~7550~7560~7570~7580~7590~7600~7610~7620~7630~7640~7650~7660~7670~7680~7690~7700~7710~7720~7730~7740~7750~7760~7770~7780~7790~7800~7810~7820~7830~7840~7850~7860~7870~7880~7890~7900~7910~7920~7930~7940~7950~7960~7970~7980~7990~8000~8010~8020~8030~8040~8050~8060~8070~8080~8090~8100~8110~8120~8130~8140~8150~8160~8170~8180~8190~8200~8210~8220~8230~8240~8250~8260~8270~8280~8290~8300~8310~8320~8330~8340~8350~8360~8370~8380~8390~8400~8410~8420~8430~8440~8450~8460~8470~8480~8490~8500~8510~8520~8530~8540~8550~8560~8570~8580~8590~8600~8610~8620~8630~8640~8650~8660~8670~8680~8690~8700~8710~8720~8730~8740~8750~8760~8770~8780~8790~8800~8810~8820~8830~8840~8850~8860~8870~8880~8890~8900~8910~8920~8930~8940~8950~8960~8970~8980~8990~9000~9010~9020~9030~9040~9050~9060~9070~9080~9090~9100~9110~9120~9130~9140~9150~9160~9170~9180~9190~9200~9210~9220~9230~9240~9250~9260~9270~9280~9290~9300~9310~9320~9330~9340~9350~9360~9370~9380~9390~9400~9410~9420~9430~9440~9450~9460~9470~9480~9490~9500~9510~9520~9530~9540~9550~9560~9570~9580~9590~9600~9610~9620~9630~9640~9650~9660~9670~9680~9690~9700~9710~9720~9730~9740~9750~9760~9770~9780~9790~9800~9810~9820~9830~9840~9850~9860~9870~9880~9890~9900~9910~9920~9930~9940~9950~9960~9970~9980~9990~10000~10010~10020~10030~10040~10050~10060~10070~10080~10090~10100~10110~10120~10130~10140~10150~10160~10170~10180~10190~10200~10210~10220~10230~10240~10250~10260~10270~1028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