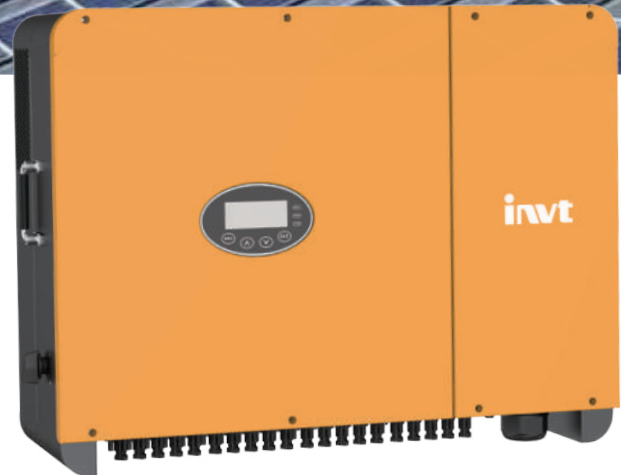


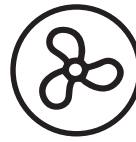
LARGE SCALE COMMERCIAL SOLUTION

Three Phase Grid-tied Solar Inverter

BG25KTR-LD(US)/BG30KTR-LD(US)/BG35KTR-LD(US)/BG40KTR-MD(US)



APP/Web Monitor



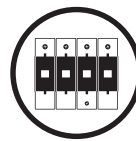
Modular Fan Design



IP65



Product Liability Insurance

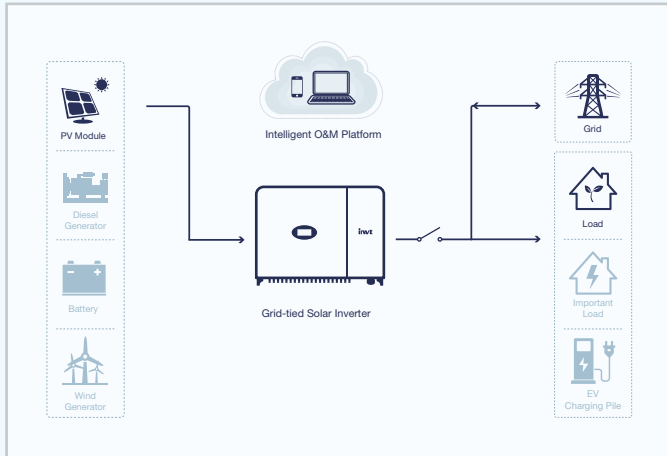


Integrated SPD

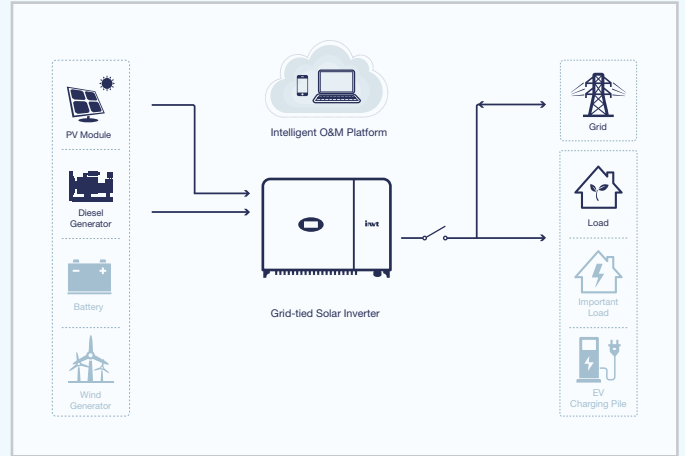


5+5 Warranty

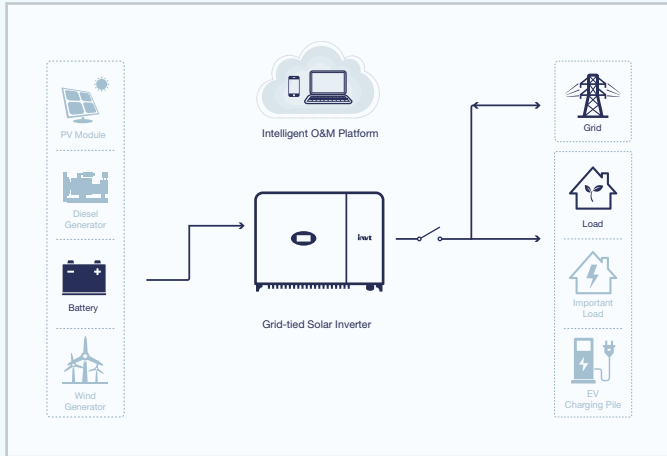
Solution



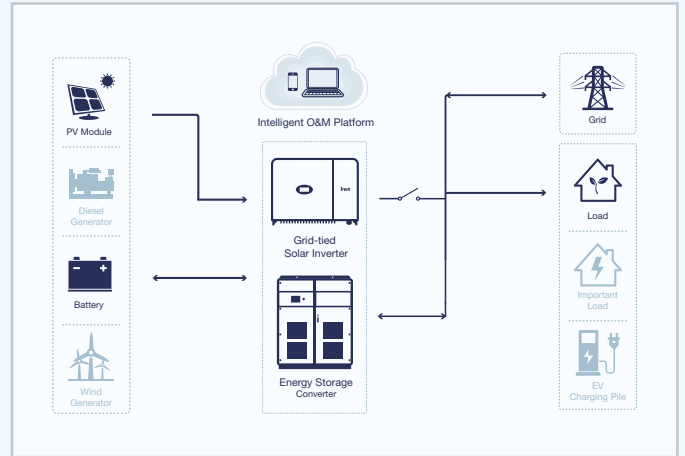
• Typical Grid-tied Solution / Smart Power Output Control System / Aging of Switching Power Supply System



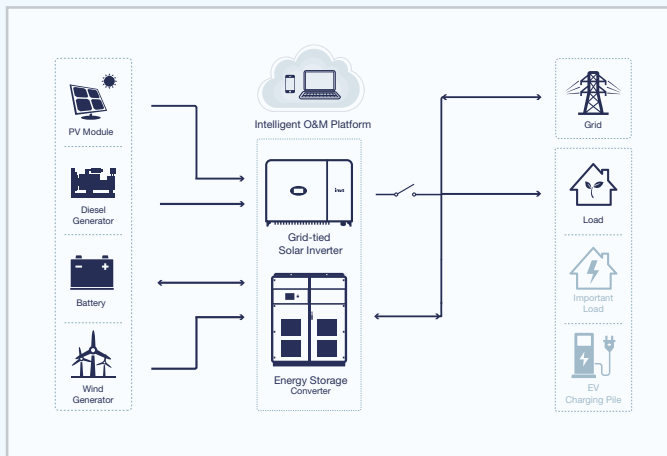
• Grid-tied + Diesel Generators



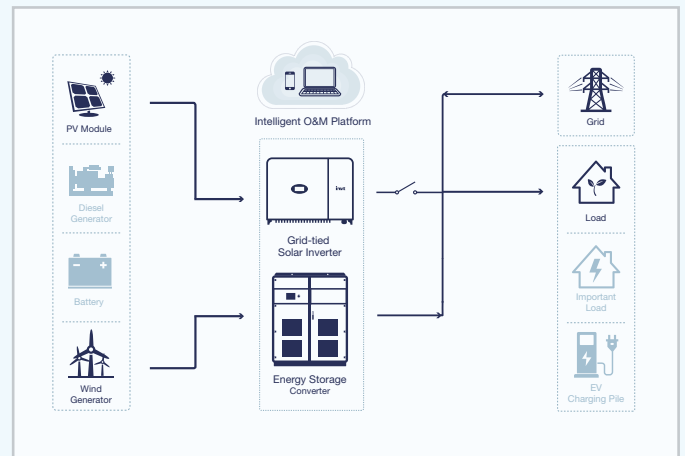
• Battery Discharge Device



• Grid-tied + Energy Storage



• Micro-grid



• Grid-tied + Wind Generators

Configuration Table

Inverter	Solar Panel								Mounting Structure	PV Cable	
	60 Cells				72 Cells					4mm ²	6mm ²
	260W	275W	280W	290W	310W	315W	320W	330W			
25 KW	96	91	89	86	81	79	79	76	1 set	200m	100m
30 KW	115	109	107	103	97	95	91	91			
35 KW	135	128	125	121	113	112	110	107			
40 KW	154	145	143	138	129	127	125	121			

Product Introduction

Efficient

- Max. efficiency up to 98.9%.
- 4 MPPT, Wide input voltage range, adapt to all kinds of solar panels and string configuration.
- Adopt combined technology of T-type three level topologies and SVPWM.

Smart

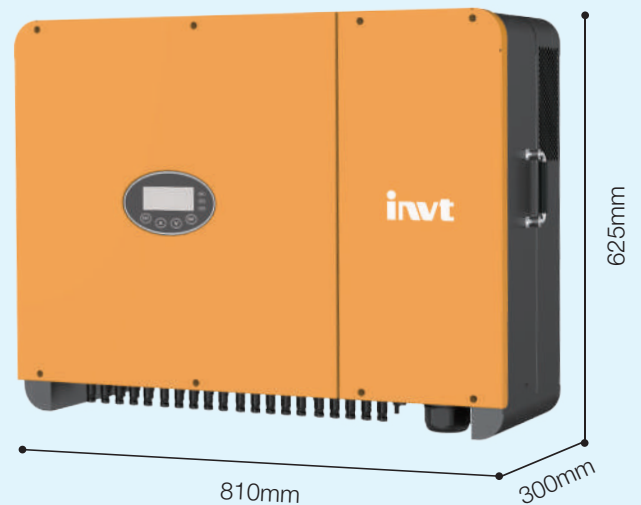
- AC output power is adjustable between 1-100%.
- Grid self-adaptation, no N-line AC design to meet various grid access requirements.
- Integrated global monitor management, APP with one-button registration.

Reliable

- IP65 protection level, suitable for various installation environments.
- Advanced film bus capacitors, latest thermal simulation technology for longer lifespan.

Simple

- High power density, modular design.
- Widthwise appearance design, easy to maintain.



Specification

	BG25KTR-LD(US)	BG30KTR-LD(US)	BG35KTR-LD(US)	BG40KTR-LD(US)
Input (DC)				
Max. DC input power (W)	32500	37500	45500	52000
Max. DC input voltage (V)	1100			
MPPT Range (V)	200-1000	200-1000	200-1000	200-1000
Output (AC)				
Rated output power (W)	25000	30000	35000	40000
Max. AC output current (A)	80.5	96	106	106
Nominal output voltage (V) / frequency	127/230 3L+N+PE/3L+PE, 50/60		127/230 3L+N+PE/3L+PE, 50/60	127/230 3L+N+PE/3L+PE, 50/60
Efficiency				
Max. efficiency	98.90%	98.90%	98.90%	98.90%
Euro-efficiency	98.50%	98.50%	98.50%	98.50%
MPPT efficiency	99.90%			
Protection				
Protection	DC breaker, AC Short-circuit protection, Over current protection, Over voltage protection, Isolation protection, RCD, Surge Protection, Anti-island protection, Over-temperature protection, Ground fault monitoring, Zero crossing, Level 2 lightning protection(40KA), level 2 lightning protection, Grid monitoring, etc.			
General data				
LCD language	English, Chinese			
Protection degree	IP65			
Operating temperature range	-25°C~+60°C(derate after 45°C)			
Dimension (H x W x D mm)	810x625x300			
Weight (kg)	75			
Grid qualification	VDE-AR-N4105, G83/2, C10/11, TF3.2.1, AS4777/3100, EN61000-6-1:4, EN61000-3-2:3, EN61000-11:12, IEC 62109-1:2010			
Safe certificates / EMC certificates	VDE-AR-N4105, AS4777/3100, CQC			
Factory warranty (years)	5(standard) / 10(optional)			



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