

Delta Series 3Phase IGBT Solar Power Inverter

Features

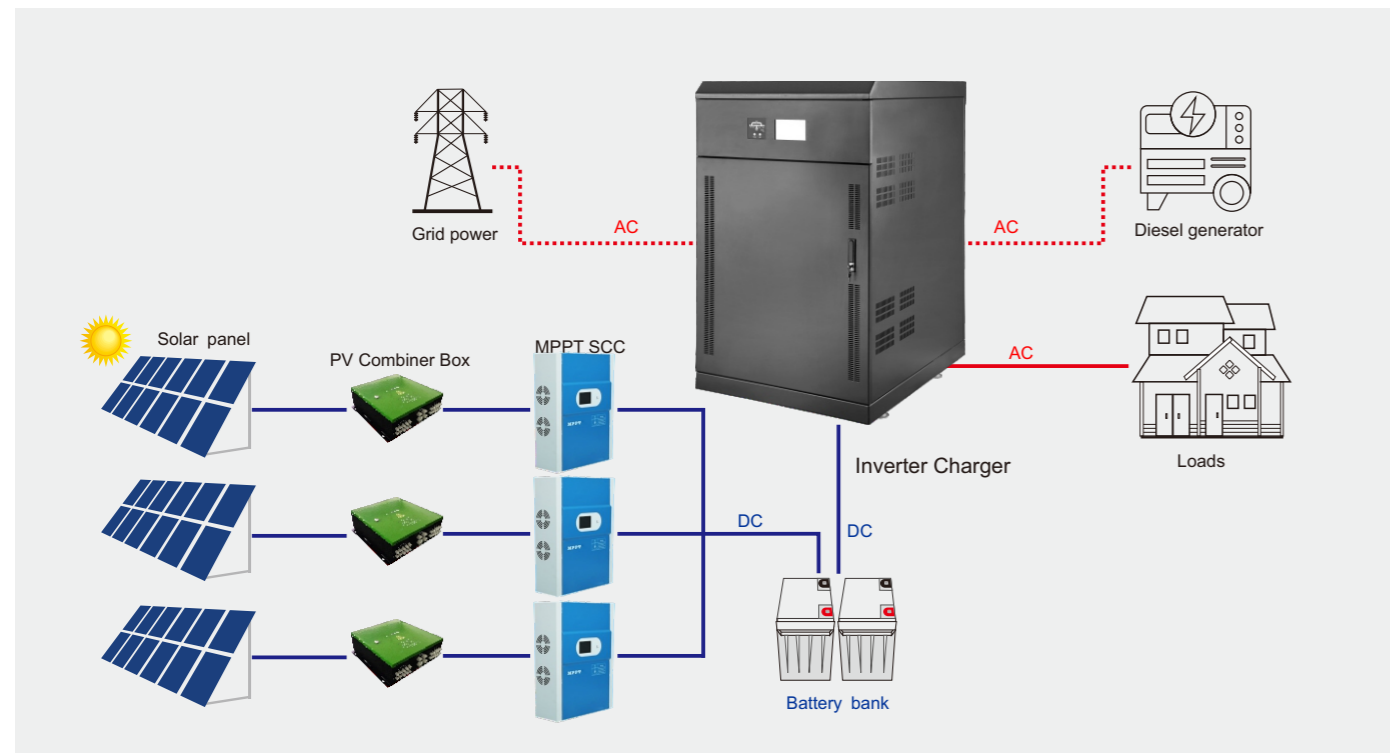
- 7-inch touch screen digital display
- IGBT inverter technology and high frequency PWM technology
- Advanced control technology of DSP, MCU and DDC real-time processing
- AC input over-voltage / undervoltage, output over-voltage / undervoltage, output overload, short circuit protection, over temperature protection, undervoltage warning, battery overcharge protection



Application



Application diagram



Technical Parameters

Inverter	Delta10K	Delta15K	Delta20K	Delta30K	Delta40K	Delta50K	Delta60K	Delta80K	Delta100K	Delta120K	Delta160K	Delta200K
Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA
Battery voltage	192V/220V/360V/384V			220V/360V/384V			360V/384V					
Size:(L*W*Hmm)	720*460*1180			730*570*1150			800*670*1550			1130*910*1510		1210*875*1680
package size (L*W*Hmm)	880*610*1350			850*700*1250			1070*820*1680			1260*1070*1780		1370*1025*1850
N.W. (KG)	195	240	270	330	380	430	550	630	680	750	950	1300
G.W.(KG)	210	210	210	360	410	465	585	670	720	790	1000	1350

AC Input

Phase	Three-phase+N+G
AC input range	380VAC±20%
Input frequency	45Hz~55Hz or 55Hz~65Hz

AC Output

Output voltage	inverter mode: 380Vac±3%;AC mode: 380Vac±20%;
Frequency range (AC mode)	Auto-detect
Frequency range (inverter mode)	50Hz/60Hz±0.1%
Over load capacity	AC mode:(100%~110%:10min;110%~130%:1min;>130%:1s;) inverter mode:(100%~110%:30s;110%~130%:10s;>130%:1s;)
Crest ratio	3:1max
Transfer time	<10ms
Waveform	Pure sine wave
Harmonic distortion	Linear load<3%;Non-linear load<5%
Balance load voltage	<±1%
Imbalance load voltage	<±5%
Efficiency	85%
Isolation type	output isolation

Battery

battery capacity	It depends on requirement, need to be big size battery models
battery number	Must match system DC voltage

Environmental conditions

Operating temperature	0°C-40°C (Battery life decreases at ambient temperatures above 25 degrees Celsius)
Operation humidity	<95% (without condensing)
Operating altitude	<1000m(with increase of 100m,it will reduce output of 1%) max5000m
Noise	<58dB(distance to machine 1m)

Management

Display	7-inch touch screen system
Communication interface	Standard: Rs232 Optional: Rs485

*The specifications, dimensions and materials are subject to change without further notice.