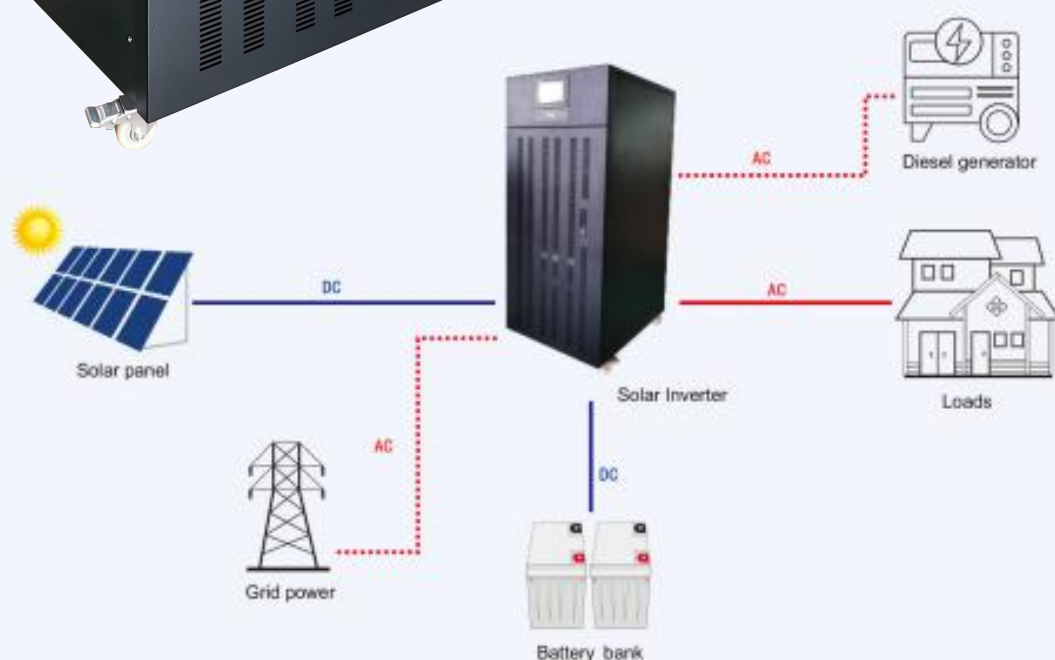




Product features

1. Vector control technology of DSP, MCU and DDC real-time processing
2. High efficiency 1GBT technology, higher efficiency
3. 7-inch touch screen system is more accurate and intuitive
4. Perfect protection function, safe and reliable
5. Parameters can be modified online
6. Multiple working modes to meet user requirements
7. Built in MPPT control module and view real-time power





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Technical Parameters

Mode	CPM8K	CPM10K	CPM15K	CPM20K	CPM25K	CPM30K	CPM40K
Capacity	8KW	10KW	15KW	20KW	25KW	30KW	40KW
Battery voltage	192/220/360/384VDC						
Size:(L*W*Hmm)	800*670*1550 (W*D*Hmm)						
package size (L*W*Hmm)	1070*820*1680 (W*D*Hmm)						
N.W. (KG)	140	150	220	250	280	310	310
G.W.(KG)	175	185	255	285	315	345	345
Input							
Phase	Three-phase+N+G						
AC input range	380VAC±20%						
Input frequency	45Hz~55Hz						
Output							
Output voltage	inverter mode: 380Vac±3%;AC mode: 380Vac±20%;						
Frequency range (AC mode)	45Hz~55Hz						
Frequency range (inverter mode)	50Hz±0.1Hz						
Over load capacity	AC mode:(100%~110%:10min;110%~130%:1min;>130%:1s); inverter mode:(100%~110%:30s;110%~130%:10s;>130%:1s);						
Peak current ratio	3:1max						
Conversion 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 the use						
battery number	It depends on the use						
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)						
MPPT controller							
Battery voltage	192V	220V	360V	384V			
PV input voltage range	260V-400V			450V-750V			
Max charge current	50A			100A			
Max PV input	192V: 10KW, 220V: 11KW 360V: 18KW, 384V: 19KW			192V: 20KW, 220V: 22KW 360V: 36KW, 384V: 38KW			
Management							
Display	7inch touch screen system						
Computer communication interface	RS232, (485, Network remote monitoring options)						

*The above data is for reference. If there is any change, please refer to the real object.