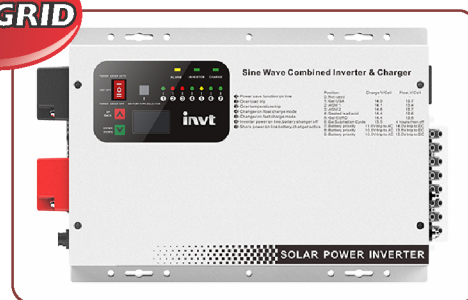


# Invertoare monofazate

pentru producere de energie electrică în sisteme  
OFF GRID

OFF GRID



Invertor iMARS by **invt**  
OFF-GRID monofazat **AFM**

[www.invt.com](http://www.invt.com)

Nr. crt.	Model	BN2024C MF0020-82720	BN3024C MF0020-82725	BN4048C MF0020-82730	BN5048C MF0020-82735
<b>Caracteristici intrare retea</b>					
1	Tensiune nominala retea	220/230/240 V ac			
2	Interval tensiunea retea	155 V ac~272 V ac			
3	Frecventa nominala	50 Hz/60Hz (reglare automata)			
4	Interval frecventa	47±0,3Hz~55±0,3Hz/57±0,3Hz~65±0,3Hz			
5	Protectie la suprasarcina/scurt circuit	intrerupator automat			
6	Randament	>95%			
7	Timp de transfer	Din AC in DC sau din DC in AC:10ms			
8	Curent de suprasarcina maxim	30 A	30 A	40 A	40 A
<b>Caracteristici inverter</b>					
1	Forma unda de tensiune	Unda sinusoidala			
2	Putere nominala iesire (VA)	2000	3000	4000	5000
3	Putere nominala iesire (W)	2000	3000	4000	5000
4	Factor de putere	1			
5	Tensiune de iesire	230 Vca			
6	Frecventa iesire	50±0.3Hz/ 60±0.3Hz			
7	Randament	>88%			
8	Protectie la suprasarcina	110%~125%+10%: oprire dupa 15 minute 125%~150%±10%: oprire dupa 60 secunde >150%±10%: oprire dupa 20 secunde			
9	Putere suprasarcina (10s) (VA)	6000	9000	12000	15000
10	Pornire motor	max 0.75 kW	max 1.5kW	max.2.2 kW	max 2.2 kW
11	Protectie scurt circuit la iesire	limitare curent (oprire dupa 10s)			
12	Tensiune nominala DC	24 VDC	24 VDC	48 VDC	48 VDC
13	Interval tensiune DC	20~32 VDC	20~32 VDC	40~64 VDC	40~64 VDC
14	Mod economisire energie	alimentare consumator ≤25W			
<b>Incarcator retea</b>					
1	Curent de incarcare	35 A	50 A	35 A	40 A
2	Reglaj curent incarcare	±5 Adc			
3	Tensiune initiala baterie	20~31.4 VDC	20~31.4 VDC	40~62.8 VDC	40~62.8 VDC
4	Protectie la scurtcircuit	intrerupator automat			
5	Curent nominal intrerupator	30 A	30 A	40 A	40 A
6	Protectie supraincarcare	≥31.4 VDC	≥31.4 VDC	≥62.8 VDC	≥62.8 VDC
<b>Incarcator solar</b>					
1	Tensiunea maxima din panouri	100 VDC	100 VDC	200 VDC	200 VDC
2	Putere maxima la iesire	1100 W	1100 W	3200 W	3200 W
3	Dimensiuni (mm)	460x264x180	460x264x180	510x264x180	555x264x180

