

BETA

4.2KW

6.2KW



- * Pure sinewave inverter
- * Output power factor: 1
- * Battery independent design.
- * RGB lighting for different operation modes
- * Off/ON Grid operation types.
- * Built-in 120/140Ah solar charger
- * High PV input range (90VDC to 500VDC)
- * RGB LED three colors as per operation mode

Model name	Beta 4.2KW	Beta 6.2KW
Model number	ONY-4.2-24	ONY-6.2-48
Max PV input Power	6200	6500
Rated output power	4200	6200
Maximum solar charger power	140A	120A
Grid Tie operation / PV input (DC)		
Nominal DC voltage/ Max DC voltage	360VDC/500VDC	
Start up Voltage/ Initial feeding voltage	90DVC/120VDC	
MPPT voltage range	90-450VDC	
Number of MPPT trackers / Max input current	1/27A	
Grid output (AC)		
Nominal output voltage	220/230/240VAC	
output voltage range	195-235VAC	
Nominal output current	18.2A	27A
Power factor	>0.99	
Feed-in Grid frequency range	49Hz to 51Hz	
Efficiency	97%	
Off-Grid operation / AC input		
AC startup voltage / Auto restarting voltage	120-140V	180V
Acceptable input voltage range	90-280VAC/ 170-280VAC	
Maximum AC input Current	30A	40A
Nominal operating frequency	50/60Hz	
Surge power	8400VA	12400VA
Off-Grid operation / PV input(DC)		
Maximum DC voltage	500VDC	
MPPT voltage range	90-450VAC	
Number of MPPT trackers / Max input current	(1/27)	
Battery mode output AC		
Nominal output voltage	24V	48V
Output wave form	Pure sinewave	
Effeciency (DC to AC)	94%	
Battery & charger		
Nominal DC voltage	24V	48V
Maximum solar charger current	140A	120A
Maximum AC charging current	100A	
Physical features		
Dimentions (D*Y*H)	420 * 310 * 110	
Net Weight (KGs)	9.5	10.5
Interface	serial connection	
communications	RS-232	
Humidity	0-90%	
Operating temperature	(-10 to 50)	