

Specifications

SYSTEM RATINGS

	Oasis 5H48	Oasis 8H48	Oasis 10H48
Rated Voltage / Frequency	1 \emptyset / 230 V / 50 Hz	1 \emptyset / 230 V / 50 Hz	1 \emptyset / 230 V / 50 Hz
Rated Output Power	4 kVA	6 kVA	8 kVA
Half-hour Output Power	5 kVA	8 kVA	10 kVA
Rated Output Current	17 A (40 A with AC source)	26 A (60 A with AC source)	35 A (60 A with AC source)
Max Output Current	22 A (for 30 mins), 34 A (for 2s), 40 A (with AC source)	35 A (for 30 mins), 52 A (for 2s), 60 A (with AC source)	43 A (for 30 mins), 70 A (for 2s), 60 A (with AC source)
THD V (at rated power)	< 5 %		
Protection	Overload, Short circuit, Over temperature, Reverse power, Low / High battery voltage, Source over/under voltage/frequency		
Changeover time	Less than 30ms changeover time after source failure.		

AC INPUT

Input Voltage Range	185 .. 250 V	185 .. 250 V	185..250V
Input Frequency Range	42 .. 65 Hz	42 .. 65 Hz	42..65 Hz
Rated Input Current	40 A	60 A	60A

DC SPECIFICATIONS

Battery Voltage (Nom.)	48V	48V	48V
Max. Charging Current	20 / 40A	30 / 60A	40 / 80A

CONNECTORS

DC Input	10 x 35 mm ² Lugs	10 x 50 mm ² Lugs	10 x 70 mm ² Lugs
AC Input / Output	10 mm ² Terminal	16 mm ² Terminal	16 mm ² Terminal

EFFICIENCY

Efficiency	Up to 94 %	Up to 94 %	Up to 94%
No Load Power Consumption (On)	< 35 W	< 45 W	<55W

GENERAL SPECIFICATIONS

Mounting Method	Wall Mounted		
Dimensions (W x H x D)	355x580x210mm	395x665x218mm	395x665x218mm
IP/NEMA Rating	IP20 / NEMA1		
Colour	RAL9002, RAL9011		
Weight	43 kg	62 kg	75 kg
Architecture	Galvanically Isolated, Forced Air Cooling		

CLIMATIC CONDITIONS

Ambient Temperature	-5 .. 45 °C
Ambient Transport Temperature	-25 .. 70 °C
Maximum Ambient for Rated Power	35 °C
Maximum Ambient for Half-hour Rated Power	20 °C
Relative Humidity (Non-Condensing)	5 .. 85 %
Maximum Altitude for Rated Power	1000 m above sea level (Decrease power for High Altitude)

OPERATOR PANEL

Display Type	Full Colour Touch Screen 4.3" LCD; 24h logs of source power, load power, battery state of charge and Events
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All specifications listed above performed at nominal voltage, frequency and temperature unless otherwise noted.



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