

# PowerValue 11RT G2 UPS

## Technical Specification

GENERAL DATA		1kVA <b>B</b>	2kVA <b>B / S</b>	3kVA <b>B / S</b>
Output rated power		1kW	2kW	3kW
Output power factor		1.0	0.9 / 1.0	1.0
Topology	Online double conversion			
Parallel configuration		No	No	No
Inbuilt batteries		Yes	Yes / No	Yes / No
INPUT				
Nominal input voltage	208/220/230/240 VAC			
Input voltage tolerance	120-300 VAC (load dependent)		100-276 (load dependent)	
Input current THDi	5% with full resistive load		<3% with full resistive load	
Frequency range	45-55Hz / 54-66Hz (extendable to 40-70Hz at load <60%)			
Power factor	≥0.99			
OUTPUT				
Rated output voltage	208/220/230/240 VAC			
Voltage tolerance	±1% (referred to 230V)			
Voltage distortion	<1% linear load, <5% non-linear load			
Overload capacity on inverter (linear load)	60 seconds: 102-129% load 10 seconds: 130-150% load 300ms:>150% load			
Nominal frequency	50 or 60Hz			
Crest factor	3:1 (load supported)			
EFFICIENCY				
Overall system efficiency	Up to 92%			
In Eco mode	Up to 98%			
ENVIRONMENT				
Protection rating	IP20			
Storage temperature	UPS: -25°C to 60°C Batteries: 0°C to 35°C			
Operating temperature	0°C to 40°C			
Relative humidity	0% to 95%			
Altitude	1000 meter without derating			
BATTERIES				
Type	VRLA (valve regulated lead-acid)			
Inbuilt	2 x 9.4Ah	4 x 9.4Ah	6 x 9.4Ah	
Charging current	1.5A	1.5A/6A	1.5A/6A	

COMMUNICATIONS	
User interface	LCD display
Optional communication cards	SNMP, ModBus, AS400, Environmetal monitoring sensor probe
COMPLIANCE	
Safety	AS 62040-1
EMC	AS 62040-2
Performance	AS 62040-3
Manufacturing	ISO 900: 2015   ISO 14001:2015   OHSAS 18001