

# Technical Specification

## MINIpowerPLUS 1.25 – 10 kVA


1.25, 2.5, 3.75, 5, 6.25, 7.5, 8.75 & 10kVA Tower single phase input and output  
 1.25, 2.5, 3.75 and 5 kVA Rack single phase input and output

<b>MINIpowerPLUS-T</b>										
	<b>Technical Specification</b>	<b>1250</b>	<b>2500</b>	<b>3750</b>	<b>5000</b>	<b>5000/2</b>	<b>6250/2</b>	<b>7500/2</b>	<b>8750/2</b>	<b>10000/2</b>
Technology	Online dual conversion									
Nominal power VA	1250	2500	3750	5000	5000	6250	7500	8750	10000	
Output power factor	0.7									
Active power W	875	1750	2625	3500	3500	4375	5250	6125	7000	
Number of Cabinets	1				2					
Nom. Input voltage	230 V / 1ph									
Input voltage range	184-264 V with 100% load / 100-264 V with 50 % load									
Input frequency	50 / Hz $\pm$ 2 % autosensing									
Input current THD	< 3 %									
Input power factor	> 0.99 from 20 % of load on									
Nom. Output voltage	230 V / 1ph 1- 1%									
Output voltage THD	< 1 %									
Batteries	3 x 12V 7Ah sealed, lead acid, maintenance free batteries for each power board									
Battery number	3	6	9	12	12	15	18	21	24	
Backup time – 80% load	8 minutes (standard battery)									
Backup time – 50 % load	15 minutes (standard battery)									
Bypass	Static + Mechanical – zero transfer time (mechanical bypass is optional)									
Overload capability (mains mode)	150 % for 30 sec. – 200% for 5 sec. Without bypass intervention									
Acoustic noise @ 1 m	40 dbA									
Net weight (kg)	23.5	34	43	53	24+50	26.5+57.5	29+65	31.5+72.5	34+80	
Size (w x d x h) mm	270 x 570 x 475				2 x cabinets each 270 x 570 x 475					
Reference standards	EN 50091 –1-1 , EN 50091 –2 , EN 50091 –3									
Installed power boards	1	2	3	4	4	5	6	7	8	
Available power slot	3	2	1	-	4	3	2	1	-	
Installed battery kits	1	2	3	4	4	5	6	7	8	
Available battery slots	3	2	1	-	6	5	4	3	2	
Battery charger slots	1 – in dedicated battery cabinet (optional)				1 – in dedicated battery cabinet					

# MINIpowerPLUS 1.25 – 10 kVA



## MINIpowerPLUS Rack

<b>MINIpowerPLUS-R</b>				
	<b>1250</b>	<b>2500</b>	<b>3750</b>	<b>5000</b>
<b>Technical Specification</b>				
Technology	Online dual conversion			
Nominal power VA	1250	2500	3750	5000
Output power factor	0.7			
Active power W	875	1750	2625	3500
Number of Cabinets	1			
Nom. Input voltage	230 V / 1ph			
Input voltage range	184-264 V with 100% load / 100-264 V with 50 % load			
Input frequency	50 / Hz $\pm$ 2 % autosensing			
Input current THD	$<$ 3 %			
Input power factor	$>$ 0.99 from 20 % of load on			
Nom. Output voltage	230 V / 1ph $\pm$ 1%			
Output voltage THD	$<$ 1 %			
Batteries	3 x 12V 7Ah sealed, lead acid, maintenance free batteries for each power board			
Battery number	3	6	9	12
Backup time – 80% load	8 minutes (standard battery)			
Backup time – 50 % load	15 minutes (standard battery)			
Bypass	Static + Mechanical – zero transfer time (mechanical bypass is optional)			
Overload capability (mains mode)	150 % for 30 sec. – 200% for 5 sec. without bypass intervention			
Acoustic noise @ 1 m	40 dbA			
Net weight (kg)	23.5	34	43	50
Size (w x d x h) mm	483 x 600 x 266 (6U)			
Reference standards	EN 50091 –1-1 , EN 50091 –2 , EN 50091 –3			
Installed power boards	1	2	3	4
Available power slot	3	2	1	-
Installed battery kits	1	2	3	4
Available battery slots	3	2	1	-
Battery charger slots	1 – in dedicated battery cabinet (optional)			