

Technical data

Model	ITY3-TW010B	ITY3-TW020B	ITY3-TW030B	ITY3-TW060B	ITY3-TW100B	ITY3-TW108B	ITY3-TW110B
Sn [kVA]	1000VA	2000VA	3000VA	6000VA	10000VA	8500VA	10000VA
Pn [kW]	1000W	2000W	3000W	6000W	10000W	8500W	10000W
Input /output	1/1					1/1 or 3/1	

Input

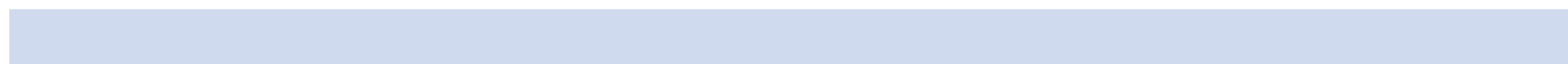
Model	ITY3-TW010B	ITY3-TW020B	ITY3-TW030B	ITY3-TW060B	ITY3-TW100B	ITY3-TW108B	ITY3-TW110B
Rated voltage	230V (1/1) 110÷300V; (160÷300V @100% load)			230V (1/1) 110÷276V; (160÷276V @100% load)		400V (3/1), 230V (1/1) 110÷276V; (160÷276V @100% load)	
Rated frequency	40-70Hz (50/60Hz +/-5% Auto-Selectable)						
Power factor	>0,99						

Output

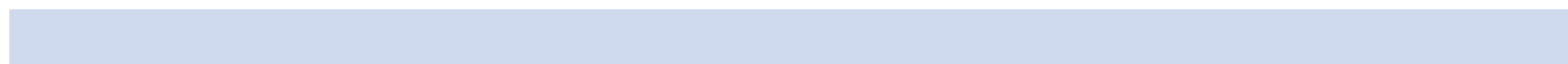
Model	ITY3-TW010B	ITY3-TW020B	ITY3-TW030B	ITY3-TW060B	ITY3-TW100B	ITY3-TW108B	ITY3-TW110B
Rated voltage	220/230/240V (±1%)						
Rated frequency	50/60Hz (±0.1Hz in battery mode)						
Overload	up to 105% continuously; 125% x 3min; 150% x 30sec			up to 105% continuously; 125% x 10min; 150% x 30sec			
Crest factor	3:1						
Connections	4 x IEC 320 (C13)	8 x IEC 320 (C13)	8 x IEC 320 (C13) + 1 (C19)	terminals			

Batteries							
Model	ITY3-TW010B	ITY3-TW020B	ITY3-TW030B	ITY3-TW060B	ITY3-TW100B	ITY3-TW108B	ITY3-TW110B
Type	sealed lead-acid maintenance free - expected life 3/5 years						
Voltage	36VDC	72VDC		192VDC			
Back-up time ⁽¹⁾⁽²⁾ (min)	12	16	9	11	7	9	7
Battery charger ⁽³⁾	8A			12A			

Relative humidity	<95% non-condensing	
Maximum altitude	1000m without de-rating	
Noise level at 1m	<50dBA	<55dBA



UPS Cabinet							
Model	ITY3-TW010B	ITY3-TW020B	ITY3-TW030B	ITY3-TW060B	ITY3-TW100B	ITY3-TW108B	ITY3-TW110B
Dimensions W x D x H (mm)	145 x 404 x 224	192 x 428 x 322		225 x 416 x 589			
Weight (models with internal batteries) (kg)	14,4	26		53	61	58	61
Weight (models without internal batteries) (kg)	8	11		13,5	25,8	-	
Degree of protection	IP20						



Standards							
Model	ITY3-TW010B	ITY3-TW020B	ITY3-TW030B	ITY3-TW060B	ITY3-TW100B	ITY3-TW108B	ITY3-TW110B

Safety	IEC/EN 62040-1, AS 62040.1.1, AS 62040.1.2
EMC	IEC/EN 62040-2, AS 62040.2
Performance	IEC/EN 62040-3 (efficiency tested by an external independent body)
Product declaration	CE, RCM (E2376)

(1) @75% of rated load (models with internal batteries) PF 0.7

(2) Models with internal batteries

(3) Models without batteries

(4) Conditions apply