

PMU-T

10-40KVA UPS

Pure Sinewave On-Line, 3:3 phase

The new PMU-T is a modular UPS with a narrow, compact design and an intelligent LCD touch screen. Designed for use in the IT and medical industries. The versatile battery configuration, internal or external, along with small footprint makes it ideal for use in many different applications.

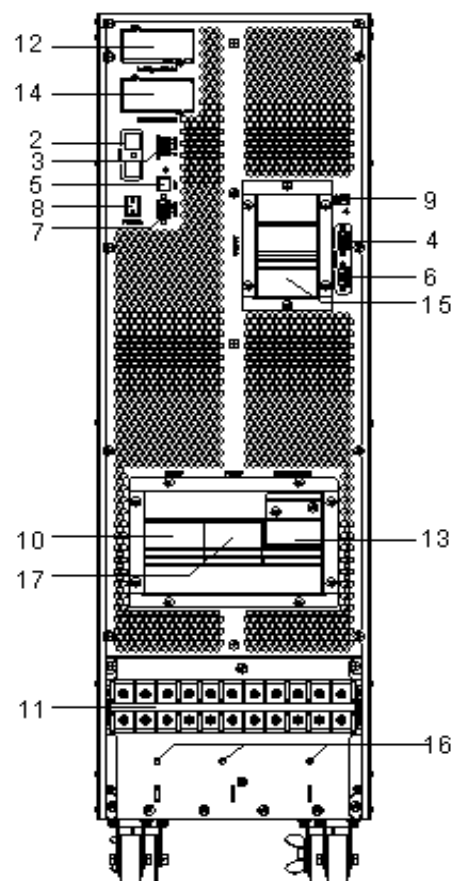


Features

- 3 Phase in / 3 Phase output
- LCD touch display
- Digital control
- High power density design
- Input/output power factor 0.9
- N+X parallel redundancy, support maximum 4 units in parallel
- Maximum charging current up to 20A (Settable)
- Battery configurable
- Generator compatible
- Efficiency of >94%
- Eco mode operation for energy saving - efficiency >98%
- Multiple communication interface: USB, RS232, RS485
- Parallel port, Dry contact, Intelligent slot, SNMP card (Optional), Relay card (Optional), Battery temperature

Drawings

2	RS485 port
3	Parallel port 1
4	Dry contact port
5	USB port
6	Parallel port 2
7	RS232
8	Power switch
9	REPO port
10	I/P switch
11	Input, output & battery
12	Intelligent slot 1 (SNMP card / relay card)
13	Maintenance switch & its cover
14	Intelligent slot 2 (SNMP card / relay card)
15	O/P switch
16	Earth studs
17	Bypass switch



Specifications

Model	PMU-10T	PMU-20T	PMU-30T	PMU-40T
Capacity (VA)	10kVA	20kVA	30kVA	40kVA
Power Rating (W)	9kW	18kW	27kW	36kW
Input				
Normal Voltage	415Vac(L-L), (3Ph + N+PE)			
Voltage range	± 20%			
Frequency Range	40-70Hz			
Power Factor	0.99			
Harmonic Distortion (THDi)	3% (100% non linear load)			
Bypass Voltage Range	Max. Voltage: +15%; Min. Voltage:-20%; Frequency protection range: ± 10%			
Generator Input	Supported			
Output				
Rated Voltage	415Vac(L-L), (3Ph+N+PE)			
Power Factor	0.9			
Voltage Regulation	± 1%			
Frequency	50Hz ± 1%			
Crest factor	3:1			
Harmonic distortion (THD)	2% with linear load, 5% with non linear load			
Efficiency	94.5%			
Battery				
Battery voltage	Standard unit: ±216Vdc; Long run unit optional voltage: ±192V/±204V/±216V/±228V/±240Vdc			
Capacity (standard unit)	40 x 12V 9AH	40 x 12V 9AH	60 x 12V 9AH	60 x 12V 9AH
Charge Current (A)	10% of battery capacity (user settable)			
System				
Transfer time	0ms			
Overload	Line mode: load 110%: 60min; 125%: 10min; 150%: 1min; 150% shut down UPS immediately Batt. mode: load 110%: 10min; 125%: 1min; 150%: 5s; 150% shut down UPS immediately			
Input breaker	80A			
Self-diagnostics	On startup			
Comms & Management				
Ports	RS232, RS485, Parallel, Intelligent slot, Relay card (optional), SNMP card (optional)			
Software	Windows 95/98/NT/2000/XP/Vista/7, Windows Server 2003/2008 Linux Debian, Redhat, Fedora, Suse, Ubuntu, CentOS, Novell, Mac, FreeBSD			
LCD	LCD displays operational parameters, such as input/output voltage, frequency & load%, battery % and ambient temperature, etc...			
LED	Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault			
Options	SNMP adapter, Battery temperature sensor, External maintenance bypass			
Environment				
Operating	0 - 40°C			
Storage	-25°C - 55°C			
Noise	Complies with EN62040-2 <64dB			
Weight & Dimensions				
Net weight (kg)	123	125	126	164
Dimension (H x W x D)	868x250x900mm			
Safety & EMC	CE, EN/IEC 62040-2, IEC61000-4-2, IEC61000-4-3,IEC61000-4-4,IEC61000-4-5, IEC61000-4-6, IEC61000-4-8			

Specifications subject to change without prior notice.

Runtime in minutes

Load VA/W	2kW	5kW	7kW	9kW	18kW	27KW	36kW
PMU-T10/20							
IBPMU20-20-9	28	8	5				
IBPMU20-40-9	55	16	10	5			
BBPMU20-80-9	175	59	49	24	12		
BBPMU20-20-75		152	95	72	29		
BBPMU20-20-120		296	176	135	51		
PMU-T30/40							
IBPMU30-30-9	51	17	9	6			
IBPMU30-60-9	120	35	25	18	7		
BBPMU30-60-9	120	35	25	18	7		
BBPMU30-120-9	390	120	61	39	21	9	
BBPMU30-30-75		249	163	118	47	26	16
BBPMU30-30-120		480	256	192	86	51	27

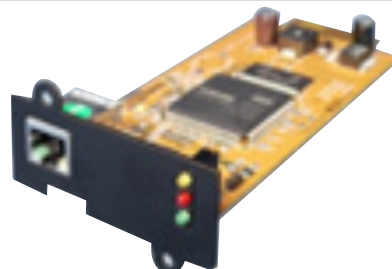
Runtimes are an estimation only.

Accessories

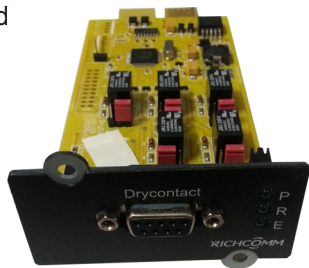
SW100- Environmental Sensor



SW005-SNMP



SW010-Relay card



External manual bypass



 N12754