



FLEXIBLE BATTERY CHARGING CAPABILITY

Compatible across battery technologies to eliminate operator hassle and confusion



UP TO 94% EFFICIENCY

For maximum performance and energy savings

PLUG INTO SIMPLICITY, POWER UP PRODUCTIVITY. INSTANT POWER ON DEMAND.

Unlock unparalleled efficiency with the NexSys[®] COMpact charger, a cutting-edge onboard charging solution tailored to empower your Class 3 warehousing equipment. Say goodbye to downtime and discover streamlined operations with its maintenance-free, space-saving design and 'Plug & Play' functionality for fast charging.

Experience a 52%* boost in available capacity per day with NexSys[®] TPPL batteries, ensuring your equipment is always ready for action. Elevate your efficiency with the NexSys[®] COMpact charger – your key to unstoppable performance.

NexSys[®] COMpact



*Based on a 24V 250Ah Flooded battery (2PzS250) when compared to 24V 190Ah NexSys[®] TPPL batteries technology (2NXS190), using energy throughput capabilities of 160% per day.

NexSys® COMpact Charger: Technical Data

Nominal Power	Battery voltage	Nominal input voltage	Frequency	"Max current draw @ minVac"	AC input cable section	AC input cable length	Max output current @ nominalVac	Battery cables section	Battery cables length	IP protection	Operating temperature	Power factor	Display	Weight	Dimensions (HxWxD)	Dimensions (HxWxD) With rubber
kW	Vdc	Vac	Hz	Aac	mm2	m	Adc	mm2	m		°C		LEDs	kg	mm	mm
1kW	24V	230V +/-10% / 1ph	50	5.4	3 x 1	2.5	38	10	1.0	IP20	0°C to +45°C	0.99		2.7	69.4x131.0x274.5	84.4x131.0x277.0

NexSys® COMpact Charger: Matching table for capacity and recharge time

**Charging times (-/+ 0.5 h)
from 80% DOD @ 30°C
* 2 x 1kW chargers in parallel**

Configuration	Volt	I Out	Standard Charge PzS,PzB, PzM Battery			Slow Charge PzS,PzB, PzM Battery			Gel PzV, PzVB Battery		NexSys® TPPL STND Battery			NexSys® TPPL FAST Battery			NexSys® TPPL Bloc			
			6h	7h	8h	9h	10.5h	12h	@ 60% 8 h @ 80% 11 h	@ 60% 9 h @ 80% 12 h	5.5h	6h	6.25h	4h	5h	5.5h	4h	6h	6.25h	
			C5 MIN		C5 MAX	C5 MIN		C5 MAX	C5 MIN	C5 MAX	C5 MIN		C5 MAX	C5 MIN		C5 MAX	C5 MIN		C5 MAX	
SINGLE PHASE																				
TC1 NexSys® COMpact 24V 1kW	MAX POUT	24	38	152	230	292	292	345	409	173	232	152	173	211	95	119	151	54	173	211
TC1 NexSys® COMpact 24V 2kW*	MAX POUT		76	304	461	585	585	691	817	345	465	304	345	422	190	238	303	109	345	422

THE ONBOARD POWERHOUSE:
SUPER CHARGE YOUR WORKFLOW WITH THE NEXSYS® COMpact CHARGER

www.enersys.com

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EMEA-EN-TD-NEXCOM-TPPL-0524

EnerSys
Power/Full Solution