

Next-Gen RMS

The Applied Energy Next-Gen RMS is a state-of-the-art hybrid energy management solution purpose-built for seamless operation, monitoring, and control of telecom networks and datacenters. Designed for modern energy applications, it combines advanced hardware and software capabilities to deliver exceptional performance, scalability, and reliability. With its robust features and intelligent design, the Next-Gen RMS empowers telecom and datacenter operators to optimize energy efficiency, ensure uninterrupted performance, and enhance operational reliability for mission-critical systems.



Technical Specifications

Electrical Parameters

Parameter	Details
Operating Voltage	48V DC (20V-60V)
Operating Temperature	-10 °C to 55 °C
Battery Bank voltage measurement	20-100V
DC load current measurement	4 CH DC DCEM
Shelter Temperature measurement	0-100 Deg Cent
Grid Monitoring	3 phase - 500V max
AMF Control Drive (DG Automation & Control)	Hybrid DG/Grid/Solar Control function
KWh Counter	Opco Energy
Run Hrs. Counter	Grid, DG & Battery

Range of Measurement Parameters

Parameter	Details
Battery Low	Below 47 V
EB Available	90-280V
DG On load	Yes
Door Open	Yes
Smoke & fire	Yes
High Temperature	Yes
Battery health abnormal	Yes
Extra Digital Alarm - 4 Nos	Yes

Additional Features

Parameter	Details
Data storage	1 Month
Tamper detection	Available
Data communication interface	4G
SIM	4G SIM
Relay O/p Port	4
Com Port	RS 485
USB	Yes
4 Channel DC Energy Meter	Yes

Note: Specifications are subject to change without notice to improve product performance.